

NON-
BIDDING

PROPOSAL

TRANSPORTATION CABINET
Department of Highways
Frankfort, Kentucky 40622

PROPOSAL NO. _____
PROJECT CODE NO. 02-0749

LETTING OF DECEMBER 13, 2002
Sealed Bids will be received in the
Division of Contract Procurement
and/or the Auditorium located on the
1st Floor of the State Office
Building until 10:00 A.M., EST,
on DECEMBER 13, 2002. Bids will
be publicly opened and read at 10:00
A.M., EASTERN STANDARD TIME.

PROJECT IDENTIFICATION AND DESCRIPTION:

FE GR 02 0000023, MONTGOMERY COUNTY

Bridge Deck Restoration and Waterproofing.

(7)

GEOGRAPHIC COORDINATES:

LATITUDE - 38° 02' NORTH
LONGITUDE - 83° 55' WEST

COMPLETION DATE ESTABLISHED FOR PROJECT: SEE SPECIAL NOTES

LIQUIDATED DAMAGES SEE SPECIAL NOTES

REQUIRED BID PROPOSAL GUARANTY: Not less than 5% of the total bid.

(Check guaranty submitted: Cashier's Check ☐ Certified Check ☐ Bid Bond ☐)

BID BONDS WHEN SUBMITTED WILL BE RETAINED WITH THE PROPOSAL.
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VI	BID ITEMS
VII	CERTIFICATION

BID..... ☐ PROPOSAL ISSUED TO: _____

SPECIMEN..... ☐ _____
Address City State Zip

PART I

SCOPE OF WORK

1. Project Detail

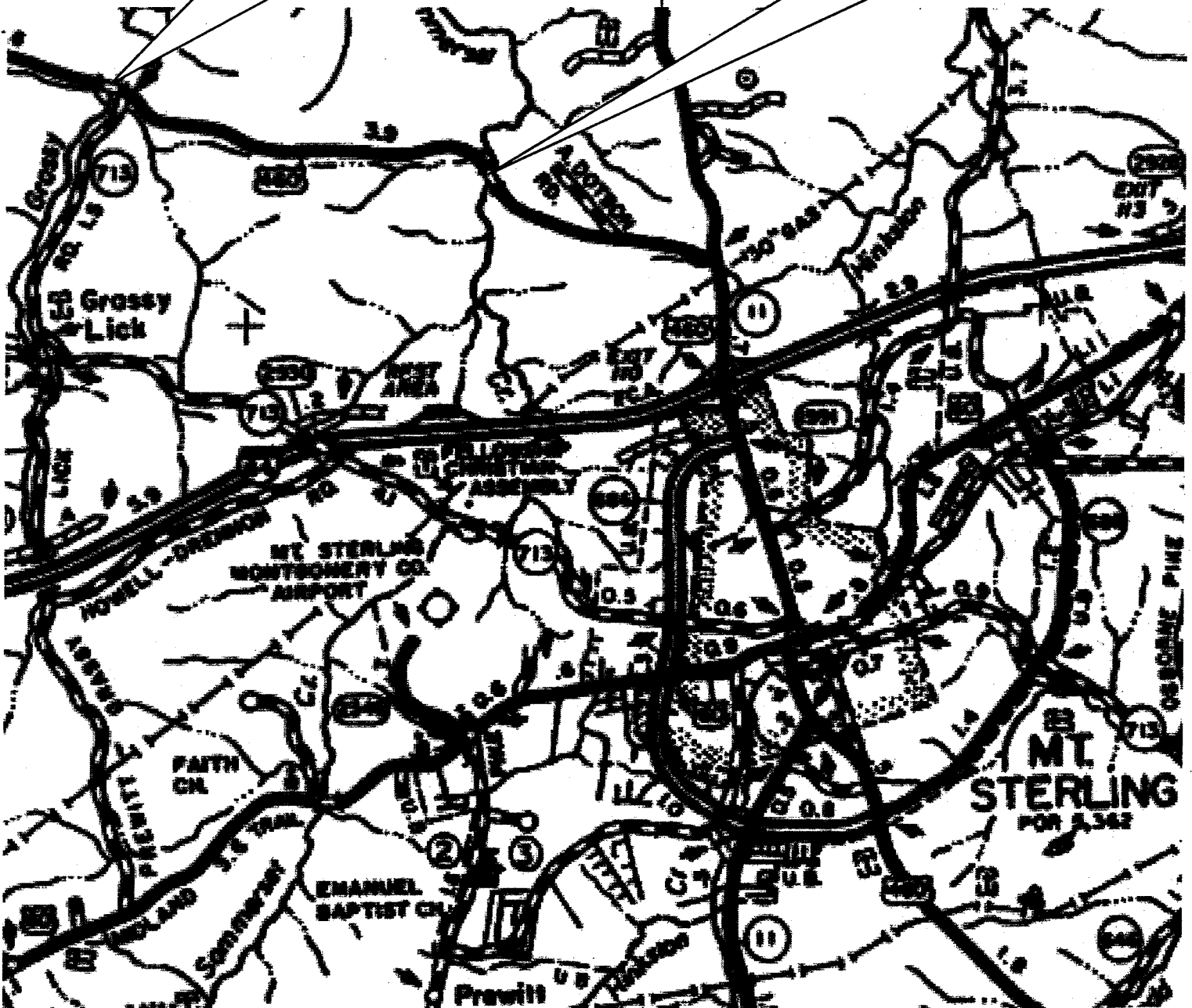
- | | |
|---------------------------------------------------------|----------|
| a. See Sketch, Description Summary and Material Summary | Attached |
| b. Special Notes Applicable to Project | Attached |
| c. Supplemental Specifications | Attached |
| d. Special Notes and Drawings for Montgomery County | Attached |
| e. Miscellaneous Traffic Control Devices (6-14-02) | Attached |
| f. Miscellaneous Traffic Control Devices (6-14-02) | Attached |
| g. Lane Closure using Traffic Signals (6-14-02) | Attached |
| h. Post Splicing Detail (6-14-02) | Attached |

Montgomery County

FE02 087-0460-B00012N
US 460, 3.6 mi W of KY 11
Bridge Restoration and
Waterproofing

To Flemingsburg

FE02 087-0460-B00011N
US 460, 1.4 mi W of KY 11
Bridge Restoration and
Waterproofing



COUNTY	PROJECT NUMBER	DESCRIPTION
Montgomery	FE02 087 0460 B00011N	1. The Mount Sterling-Paris Road (US 460). Bridge located over Somerset Creek.
Montgomery	FE02 087 0460 B00012N	2. The Mount Sterling-Paris Road (US 460). Bridge located over Grassy Lick Creek.

KENTUCKY DEPARTMENT OF TRANSPORTATION **GENERAL SUMMARY OF QUANTITIES**

ITEM CODE	DESCRIPTION	UNIT	FE02 087-0460-B00011N	FE02 087-0460-B00012N	TOTAL
8510	REM EPOXY BIT FOREIGN OVERLAY	SQ. YD.	264.0	264.0	528.0
8549	BLAST CLEANING	SQ. YD.	347.0	347.0	694.0
8504	EPOXY SAND SLURRY	SQ. YD.	82.5	82.5	165.0
8534	ALT. #1 CONCRETE OVERLAY-LATEX	CU. YD.	10.3	10.3	20.6
OR					
8535	ALT. #2 CONC OVERLAY-LOW SLUMP	CU. YD.	13.9	13.9	27.8
8526	CONC CLASS M FULL DEPTH PATCH	CU. YD.	5.1	2.6	7.7
8150	STEEL REINFORCEMENT	LB.	267.2	267.2	534.4
3294	EXPAN JOINT REPLACE 1 1/2"	LIN. FT.	48.0	48.0	96.0
3299	ARMORED EDGE FOR CONCRETE	LIN. FT.	48.0	48.0	96.0
6514	PAVE STRIPING-PERM PAINT-4"	LIN. FT.	400.0	330.0	730.0
6549	PAVE STRIPING-TEMP REM TAPE-B-6"	LIN. FT.	600.0	450.0	1,050.0
6550	PAVE STRIPING-TEMP REM TAPE-W-4"	LIN. FT.	542.0	542.0	1,084.0
6551	PAVE STRIPING-TEMP REM TAPE-Y-4"	LIN. FT.	398.0	1,065.0	1,463.0
2562	SIGNS	SQ. FT.	172.1	172.1	344.2
4933	TEMP SIGNAL 2 PHASE	EACH	1.0	1.0	2.0
2653	LANE CLOSURE	EACH	2.0	2.0	4.0
2650	MAINTAIN AND CONTROL TRAFFIC	LP. SUM	1.0	1.0	2.0
2569	DEMOBILIZATION	LP. SUM			1.0

SPECIAL NOTES APPLICABLE TO PROJECT

THE FOLLOWING STANDARD DRAWINGS APPLY TO THIS PROJECT AND MAY BE OBTAINED BY CONTACTING THE DEPARTMENT OF HIGHWAYS, DIVISION OF DESIGN, AT A COST OF \$0.50 PER COPY:

Bridge Restoration and Waterproofing with Concrete Overlays (BGX-009-04)
Neoprene Expansion Dams and Armored Edges (BJE-001-10)

2000 SPECIFICATIONS

Any reference in the plans or proposal to the *Standard Specifications for Road and Bridge Construction, Edition of 1998*, and *Standard Drawings, Edition of 1998* are superseded by *Standard Specifications for Road and Bridge Construction, Edition of 2000* and *Standard Drawings, Edition of 2000*.

2001 SUPPLEMENTAL SPECIFICATIONS

The *2001 Supplemental Specifications* to the 2000 Standard Specifications for Road and Bridge Construction shall apply to this project.

PROPOSAL ADDENDA

All Addenda to this proposal must be incorporated into the proposal when the bid is submitted to the Kentucky Department of Highways. Failure to use the correct and most recent bid sheet(s) may result in the bid being rejected.

BID SUBMITTAL

Bidder must use the Department's Highway Bid Program available on the internet web site of the Department of Highways, Division of Contract Procurement. (www.kytc.state.ky.us/contract)

The Bidder must download the bid items created from the web site to prepare a bid proposal for submission to the Department. The bidder must insert the completed bid item sheets printed from the Program into the bidder's proposal and submit with the disk created by said program.

JOINT VENTURE BIDDING

Joint Venture bidding is permissible. However, both companies **MUST** purchase a bidding proposal. Either proposal may be submitted but must contain the company names and signatures of both parties where required. A joint bid bond of 5% may be submitted for both companies or each company may submit a separate bond of 5%.

UNDERGROUND FACILITY DAMAGE PROTECTION

The contractor is advised that the Underground Facility Damage Protection Act of 1994, became law January 1, 1995. It is the contractor's responsibility to determine the impact of the act regarding this project, and take all steps necessary to be in compliance with the provisions of the act.

ASPHALT BASE PRICE

The Asphalt Base Price shall be \$165.00 (english) as applicable in Section 109.07 of the *2000 Standard Specifications*.

**Supplemental Specifications to The Standard Specifications
for Road and Bridge Construction, 2000 Edition
(Effective with the October 25, 2002 Letting)**

Unless stated otherwise, all revisions are to the Standard Specifications for Road and Bridge Construction.

PUBLICATION:	2001 Supplemental Specifications to The Standard Specifications for Road and Bridge Construction.
SUBSECTION:	104.02.02 Overrun and Underrun Formulas.
REVISION:	Void the revision.
SUBSECTION:	104.02.02 Overrun and Underrun Formulas.
REVISION:	Replace the fifth paragraph with the following: For the excessive underrun and overrun quantities, the Department will adjust the payment according to the appropriate following formula:
SUBSECTION:	104.02.02 Overrun and Underrun Formulas.
NUMBER:	3)
REVISION:	Replace the threshold value of 20 percent with 30 percent.
SUBSECTION:	102.07.01 General.
REVISION:	Replace the first sentence with the following: Submit the Bid Proposal on the forms furnished by the Department including the Highway Bid Program bid item sheets and disk created from the Department's internet web site.
SUBSECTION:	102.07.02 Computer Bidding.
REVISION:	Replace the subsection with the following: Subsequent to ordering a Bid Proposal for a specific project, use the Department's Highway Bid Program on the internet web site of the Department of Highways, Division of Contract Procurement. Download the bid item quantities from the Department's web site to prepare a Bid Proposal for submission to the Department. Insert the completed bid item sheets printed from the Highway Bid Program into the Proposal and submit along with the disk created by said program. In case of a dispute, the Bid Proposal and bid item sheets created by the Highway Bid Program take precedence over any bid submittal. Furthermore the Department takes no responsibility for loss, damage of disks or the compatibility with the bidder's computer equipment or software.
SUBSECTION:	102.08 IRREGULAR BID PROPOSALS.
REVISION:	Add the following to the first set of items: 4) Fails to submit a disk created from the Highway Bid Program
SUBSECTION:	102.08 IRREGULAR BID PROPOSALS.
REVISION:	Replace 1) of the second set of items with the following: 1) when the Bid Proposal is on a form other than that furnished by the Department or printed from other than the Highway Bid Program, or when the form is altered or any part is detached.
SUBSECTION:	112.03.01 General Traffic Control.
PART:	D) Temporary Traffic Signals.
REVISION:	Replace the MUTCD reference "Section 4B" with "Chapter 4D"
SUBSECTION:	212.03.03 Permanent Seeding and Protection.
PART:	A) Seed Mixtures for Permanent Seeding.
REVISION:	Replace with the following: A) Seed Mixture for Permanent Seeding. Use seed Mixture No. I or as the Contract specifies. Mixture No. I: 75% Kentucky 31 Fescue (<i>Festuca arundinacea</i>) 10% Red Top (<i>Agrostis alba</i>) 5% White Dutch Clover (<i>Trifolium repens</i>) 10% Ryegrass, perennial (<i>Lolium perenne</i>)

**Supplemental Specifications to The Standard Specifications
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SUBSECTION:	212.03.03 Permanent Seeding and Protection.
PART:	C) Crown Vetch.
REVISION:	Replace the first sentence with the following: Sow crown vetch seed on all areas having a slope 3:1 or steeper and consisting of soil or mixtures of broken rock and soil.
SUBSECTION:	212.03.03 Permanent Seeding and Protection.
PART:	E) Erosion Control Blanket.
REVISION:	Replace the first sentence with the following: Install erosion control blankets in ditches, except those to be paved or rock lined, to a flow depth of 1.5 feet.
SUBSECTION:	402.03.02 Acceptance.
PART:	C) Setup.
REVISION:	Add the following after the second sentence: For mixtures with a total-project quantity between 500 and 1,000 tons, perform a minimum of one process control test for AC, AV, and VMA, and report the results to the Engineer.
SUBSECTION:	402.03.03 Verification.
REVISION:	Replace the first two sentences with the following: For volumetric properties, the Department will perform a minimum of one verification test for AC, AV, and VMA for each lot according to the corresponding procedures as given in Subsection 402.03.02. For specialty mixtures, the Department will perform one AC and one gradation determination per lot according to the corresponding procedures as given in Subsection 402.03.02. However, Department personnel will not perform AC determinations according to KM 64-405.
SUBSECTION:	403.02.06 Transport Equipment.
REVISION:	Add the following after the first sentence: Do not load trucks that are contaminated with an unapproved release agent. When such contamination is identified after loading, reject the load. In either case, remove the truck and respective driver from the project for the duration of the project.
SUBSECTION:	403.03.03 Preparation of Mixture.
PART:	A) Mixture Composition.
REVISION:	Replace the second sentence with the following: Conform to the gradation requirements (control points) of AASHTO MP2 for the Superpave mixture type the Contract specifies.
SUBSECTION:	403.03.03 Preparation of Mixture.
PART:	C) Mix Design Criteria.
REVISION:	Replace the first sentence with the following: Conform to the gradation requirements (control points) of AASHTO MP2 for the Superpave mixture.
SUBSECTION:	403.03.03 Preparation of Mixture.
PART:	C) Mix Design Criteria.
NUMBER:	2) Selection of Optimum AC.
REVISION:	Add the following: Ensure the optimum AC is a minimum of 5.0 percent by weight of the total mixture for all 0.5-inch nominal surface mixtures and 5.3 percent by weight of the total mixture for all 0.38-inch nominal surface mixtures.
SECTION:	403.03.06 Thickness Tolerance.
TABLE:	Nominal Maximum Size of Mixture vs. Thickness Range
REVISION:	Delete

**Supplemental Specifications to The Standard Specifications
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SUBSECTION:	403.03.09 Leveling and Wedging, and Scratch Course.																			
PART:	A) Leveling and Wedging.																			
REVISION:	Replace the first sentence with the following: Conform to the gradation requirements (control points) for base, binder, or surface as applicable.																			
SUBSECTION:	403.03.09 Leveling and Wedging, and Scratch Course.																			
PART:	B) Scratch Course.																			
REVISION:	Replace the second sentence with the following: Conform to the gradation requirements (control points) for base, binder, or surface as the Engineer directs.																			
SECTION:	404 OPEN-GRADED FRICTION COURSE																			
TABLE:	LOT PAY ADJUSTMENT SCHEDULE FOR SPECIALTY MIXTURES																			
REVISION:	Replace the table with the table on the last page of this supplement.																			
SUBSECTION:	409.02 MATERIALS AND EQUIPMENT.																			
REVISION:	Replace "KM 64-427" with the following: the guidelines in Subsection 409.03.02																			
SUBSECTION:	409.03.01 Restrictions.																			
REVISION:	Add the following sentence: When the mixture's bid item specifies PG 76-22, limit RAP content to 20 percent or less.																			
PUBLICATION:	2001 Supplemental Specifications to The Standard Specifications for Road and Bridge Construction.																			
SUBSECTION:	409.03.02 Preparation of Mixture.																			
PART:	A) Mix Requirements.																			
REVISION:	Void the Revision and replace with the following: Conform to the Contract requirements for each mixture produced using RAP. If mixtures produced using RAP do not conform to the requirements for that mixture, complete the project using all virgin materials at no additional expense to the Department. Conform to the following table to select the appropriate grade of virgin asphalt binder to blend with the RAP:																			
<table><tr><th rowspan="2">Mixture's Bid Item</th><th colspan="3">Appropriate Virgin Asphalt Binder</th></tr><tr><th>0-20% RAP</th><th>21-30% RAP</th><th>>30% RAP</th></tr><tr><td>PG 76-22</td><td>PG 76-22</td><td>-</td><td>-</td></tr><tr><td>PG 70-22</td><td>PG 70-22</td><td>PG 64-22</td><td>*</td></tr><tr><td>PG 64-22</td><td>PG 64-22</td><td>PG 64-22</td><td>*</td></tr></table> <p>* Select according to KM 64-427</p>		Mixture's Bid Item	Appropriate Virgin Asphalt Binder			0-20% RAP	21-30% RAP	>30% RAP	PG 76-22	PG 76-22	-	-	PG 70-22	PG 70-22	PG 64-22	*	PG 64-22	PG 64-22	PG 64-22	*
Mixture's Bid Item	Appropriate Virgin Asphalt Binder																			
	0-20% RAP	21-30% RAP	>30% RAP																	
PG 76-22	PG 76-22	-	-																	
PG 70-22	PG 70-22	PG 64-22	*																	
PG 64-22	PG 64-22	PG 64-22	*																	
SUBSECTION:	611.03.02 Precast Unit Construction.																			
REVISION:	Replace the first sentence with the following: Construct units according to ASTM C 1433 with the following exceptions and additions:																			
PUBLICATION:	2001 Supplemental Specifications to The Standard Specifications for Road and Bridge Construction.																			
SUBSECTION:	701.03.05 Joints.																			
PART:	B) Corrugated Metal Pipe.																			
REVISION:	Void the Revision and replace with the following: Construct joints using a band with annular corrugations and a bolt, bar and strap connection. Use a minimum nominal band width of 12 inches for all pipe diameters 54 inches and smaller. Use a two-piece band with a minimum nominal width of 20 inches for all pipe diameters greater than 54 inches. Manufacture the band from the same base materials as the pipe. The pipe bands may be up to two gauges lighter than the pipe it is joining, with a minimum gauge thickness of 16. The Department may allow dimple band connections for field cut pipe. Install the connecting bands according to the manufacturer's written recommendations.																			

**Supplemental Specifications to The Standard Specifications
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SUBSECTION:	710.02 MATERIALS.
REVISION:	Add the following Subsection: 710.02.15 High Density Polyethylene (HDPE) Adjusting Rings. Conform to Section 846.
SUBSECTION:	710.03.01 Newly Constructed Small Drainage Structures.
PART:	A) General.
REVISION:	Replace the last sentence of the sixth paragraph with the following: Use precast concrete, precast concrete pipe sections, cast-in-place, brick, or HDPE adjusting rings for adjustment of existing manholes according to the Standard Specifications.
SUBSECTION:	710.03.03 Adjusted Small Drainage Structures.
REVISION:	Add the following sentence to the end of the first paragraph: For HDPE adjusting rings, install and seal according to the manufacturer's recommendations.
SUBSECTION:	713.03 CONSTRUCTION.
REVISION:	Replace the MUTCD references to "Part III" with "Part 3"
SUBSECTION:	714.03 CONSTRUCTION.
REVISION:	Replace the MUTCD references to "Part III" with "Part 3" and figure references to "3-11 and 3-12" with "3B-8 and 3B-9"
SUBSECTION:	714.03.01 Layout.
REVISION:	Replace the MUTCD reference to "Part III" with "Part 3"
PUBLICATION:	2001 Supplemental Specifications to The Standard Specifications for Road and Bridge Construction.
SUBSECTION:	714.05 PAYMENT.
REVISION:	Replace with the following: The Department will make payment upon completion of the work. If after the proving period the markings do not meet minimum retroreflectivity requirements, the Department will adjust the payment or require corrective work according to the following:
SUBSECTION:	718.01 DESCRIPTION.
REVISION:	Replace the second sentence with the following: See Section 3C.01 of the MUTCD for a general description.
SUBSECTION:	807.02.03 Joint Sealer for Ridged Pipe.
PART:	B) Rubber Gaskets.
REVISION:	Replace with the following: B) Butyl Rubber Sealants. Furnish butyl rubber sealants conforming to the materials, manufacture, and physical requirements for sealants in AASHTO M 198, Section 6.2. Use only products from the Department's List of Approved Materials.
SUBSECTION:	807.02.03 Joint Sealer for Ridged Pipe.
PART:	C) Flexible Plastic Gaskets.
REVISION:	Replace with the following: C) Rubber Gaskets. Furnish rubber gaskets conforming to the materials, manufacture, and physical requirements for gaskets in AASHTO M 315. Use only products from the Department's List of Approved Materials.

**Supplemental Specifications to The Standard Specifications
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SECTION: 846 HIGH DENSITY POLYETHYLENE (HDPE) ADJUSTING RINGS
REVISION: Add the following New Section:

SECTION 846 HIGH DENSITY POLYETHYLENE (HDPE) ADJUSTING RINGS

846.01 RESIN. Use a recycled polyethylene plastic or virgin resin producing a molded part meeting the following requirements:

Melt Flow Index (ASTM D 1238)	4.0-10.0 g/10min
Density (ASTM D 792)	0.941-0.965 g/cm ³
Tensile (ASTM D 638)	2000-5000 lb/in ²
ESCR (ASTM D 1693)	Condition C

846.02 LOADING. Ensure the adjustment rings meet or exceed the loading requirements of AASHTO'S Standard Specification for HS-25 wheel loading for Highway Bridges.

SECTION: 827.04 PERMANENT SEED.
REVISION: Replace with the following:

827.04 PERMANENT SEED. Conform to the requirements outlined in the "Kentucky Seed Law and Provisions for Seed Certification in Kentucky" and the "Regulations under the Kentucky Seed Law", with following exceptions:

1. Obtain seed only through registered dealers that are permitted for labeling of seed.
2. Ensure all deliveries/shipments of premixed seed are accompanied with a master blend sheet.
3. The Department may sample the seed at the job site at any time.
4. Ensure all bags and containers have an acceptable seed tag attached.

Do not use seed (grasses, native grasses and legumes) if the weed seed is over 2%, total germination (including hard seed) is less than 60%, if the seed test date is over 9 months old exclusive of the month tested, or if the limits of noxious weed seed is exceeded.

Ensure that noxious weed seeds contained in any seed or seed mixture does not exceed the maximum permitted rate of occurrence per pound.

<u>Name of Kind</u>	<u>(per pound)*</u>	<u>Max. No. Seeds</u>
Balloon Vine (Cardiospermum Halicacabum)	0	
Purple Moonflower (Ipomoea turbinata)	0	
Canada Thistle (Cirsium Arvense)	0	
Johnsongrass (Sorghum Halepense and Sorghum Alnum and perennial rhizomatous derivatives of these species)	0	
Quackgrass (Elytrigia Repens)	0	
Annual Bluegrass (Poa Annua)	256	
Buckhorn Plantain (Plantago lanceolata)	304	
Corncockle (Agrostemma Githago)	192	
Dodder (Cuscuta spp.)	192	
Giant Foxtail (Setaria Faberii)	192	
Oxeye Daisy (Chrysanthemum leucanthemum)	256	
Sorrel (Rumex Acetosella)	256	
Wild Onion and Wild Garlic (Allium spp.)	96	

* Seed or seed mixtures that contain in excess of 480 total noxious seeds per pound is prohibited

Wildflower seed shall not be planted until approved by the MCL.

**Supplemental Specifications to The Standard Specifications
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LOT PAY ADJUSTMENT SCHEDULE FOR SPECIALTY MIXTURES (TEST DEVIATION FROM JMF)		
	Pay Value	Deviation From JMF (%)
Asphalt Binder Content	1.00	0.0-0.5
	0.98	0.6
	0.95	---
	0.90	0.7
	0.85	0.8
	0.75	≥ 0.9
1 1/2 inch Sieve	1.00	0-13
	0.98	14
	0.95	15-16
	0.90	17-20
	0.85	21-23
	0.75	≥ 24
1 inch, 3/4 inch, and 1/2 inch Sieves	1.00	0-9
	0.98	10
	0.95	11-12
	0.90	13-14
	0.85	15-16
	0.75	≥ 17
3/8 inch, No. 4, No. 8, No. 16, and No. 30 Sieves	1.00	0-8
	0.98	9
	0.95	10
	0.90	11-12
	0.85	13-14
	0.75	≥ 15
No. 50 Sieve	1.00	0-6
	0.98	7
	0.95	8
	0.90	9
	0.85	10
	0.75	≥ 11
No. 100 Sieve	1.00	0-3
	0.98	---
	0.95	4
	0.90	5
	0.85	---
	0.75	≥ 6
No. 200 Sieve	1.00	0.0-2.0
	0.98	2.5
	0.95	3.0
	0.90	---
	0.85	3.5
	0.75	≥ 4.0
Fineness Modulus	1.00	0.0-0.30
	0.98	0.31-0.34
	0.95	0.35-0.39
	0.90	0.40-0.46
	0.85	0.47-0.55
	0.75	≥ 0.56

SPECIAL NOTES AND DRAWINGS

FOR

MONTGOMERY COUNTY

Notes for Bridge Restoration and Waterproofing with Concrete Overlays	Page 1
Traffic Control Plan	Page 2
Notes for Replacing Expansion Dams in Conjunction with Concrete Overlays	Pages 3 - 4
Listing of Sketches and Standard Drawings	Page 5
Sketches	Sheets 1 - 6

**NOTES FOR BRIDGE RESTORATION
AND WATERPROOFING WITH CONCRETE OVERLAYS**

Montgomery County

FE02 087-0460-B00011N (MP 5.891)

Bridge over Somerset Creek, 1.4 mile W of N-JCT KY 11

FE02 087-0460-B00012N (MP 3.609)

Bridge over Grassy Lick Creek, 3.6 mile W of N-JCT KY 11

Overlay the structures in this contract in accordance with the **Kentucky Transportation Cabinet, Department of Highways Standard Specifications for Road and Bridge Construction, Edition of 2000**, Section 606 for "Bridge Restoration and Waterproofing with Concrete Overlays", and applicable Supplemental Specifications, Standard Drawing No. BGX-009 current edition, and the attached notes and detail drawings. Section references are to the Standard Specifications.

COMPLETION DATE: The Contractor has the option of selecting the starting date for this project. Once selected, notify the Department in writing of the date selected at least two weeks prior to beginning work. All work is to be completed in the 2003 construction season by November 15, 2003. An allotted number of working days are assigned to each structure in this contract as shown below.

<u>STRUCTURE</u>	<u>NUMBER OF WORKING DAYS</u>
FE02 087-0460-B00011N	20
FE02 087-0460-B00012N	20

Liquidated damages will be assessed the Contractor in accordance with the **Transportation Cabinet, Department of Highways Standard Specifications for Road and Bridge Construction, Edition of 2000**, Section 108.09, when either the allotted number of working days or the November 15, 2003 date is exceeded.

Contrary to the Standard Specifications, liquidated damages will be assessed the Contractor during the months of December, January, February and March when the contract time has expired on any individual bridge or bridges. Contract time will be charged during these months.

REMOVAL OF EXISTING OVERLAY: Totally remove the existing concrete overlay by grinding or scarifying the deck to a depth slightly below or equal to the original bridge slab surface. Machine preparation of the existing slab to a depth of at least ¼" below the existing surface is not required. When removal of an existing overlay is a pay item, no payment will be allowed for "Machine Preparation of Existing Slab". This work is incidental to the pay item "Removal of Existing Overlay - Square Yard".

APPROACH PAVEMENT REPAIR: The Contractor shall repair any and all damage to the approach pavement due to this construction. A new asphalt surface wedge for all approaches to each structure in this project shall be placed and compacted to the satisfaction of the Engineer prior to allowing traffic back on a section of the new overlay. No additional payment will be allowed for this work, as it will be considered incidental to the pay item "Armored Edge for Concrete".

TRAFFIC CONTROL PLAN
For Bridge Repair Projects

TRAFFIC CONTROL GENERAL

Except as provided herein, traffic shall be maintained in accordance with the 2000 Standard Specifications, Section 112. Except for the roadway and traffic control bid items listed, all items of work necessary to maintain and control traffic will be paid at the lump sum bid price to "Maintain and Control Traffic".

Contrary to Section 106.01, traffic control devices used on this project may be new, or used in like new condition, at the beginning of the work and maintained in like new condition until completion of the work.

TEMPORARY PAVEMENT STRIPING

Skip lines through the length of the tapers for lane closures and other striping as directed by the Engineer shall be temporarily covered with 8" black removable tape. Permanent removal of all other pavement striping for traffic control shall be considered incidental to Maintain and Control Traffic in accordance with Section 112.04.15. Temporary pavement striping shall be paid only once per course in accordance with Section 112.04.08. The Contractor shall replace any temporary striping that becomes damaged or fails to adhere to the pavement before dark on the day of notification. Liquidated damages shall be assessed the Contractor at a rate of \$500 per day for failing to replace temporary striping within this time limit.

PROJECT PHASING & CONSTRUCTION PROCEDURES

Maintain, as a minimum one lane of traffic at all times in accordance with Standard Drawing No. TSC-202-08 and the attached detail drawings. The clear lane width required is:

<u>Structure</u>	<u>Clear Lane Width</u>
FE02 087-0460-B00011N	11
FE02 087-0460-B00012N	11

VARIABLE MESSAGE SIGNS

If deemed necessary by the Engineer, variable message signs will be installed, operated, and maintained by the Department.

**NOTES FOR REPLACING EXPANSION DAMS
IN CONJUNCTION WITH CONCRETE OVERLAYS**

Install "Armored Edge for Concrete" and/or "Expansion Joint Replacement" at the specified locations detailed on the attached drawings and in accordance with these notes.

- A. **Remove Existing Materials.** Remove the existing expansion dam and specified areas of concrete as shown on the attached sketches. Remove debris and/or expansion joint filler as directed by the Engineer. Dispose of all removed material entirely away from the job site. This work is incidental to the contract unit price for "Expansion Joint Replacement".

Clean and leave all existing steel reinforcement encountered in place.

- B. **Placing New Concrete and Armored Edges.** After all specified existing materials have been removed, place new armored edges and Class "M" Concrete to be formed to the original dimensions except as shown on the detail sheets. Place the new concrete to the scarified grade and finish to receive the new overlay.

All new structural steel shall be cleaned and painted with two coats of commercial primer paint red orange in color, except that surfaces to come in contact with concrete are not to be painted.

Blast clean all areas of existing concrete and structural steel to come in contact with new concrete until free of all laitance and deleterious substances immediately prior to the placement of the Class "M" Concrete. The surface areas of existing concrete to come in contact with the new Class "M" Concrete are to be coated with an epoxy bond coat immediately prior to placing new concrete in accordance with Section 511. The interfaces of the new and old concrete shall be as nearly vertical and horizontal as possible.

- C. **Additional Reinforcing Steel.** Furnish for replacement, as directed by the Engineer, 800 linear feet of steel reinforcing bars ½" diameter by 20' lengths. Place these bars in areas deemed by the Engineer to require additional reinforcement. Deliver unused bars to the local County Maintenance Barn. Field cutting and bending is permitted. Payment will be made in accordance with Section 602.
- D. **Stage Construction.** Installation of concrete and armored edges in two (or more if specified) stages is necessary. Join the armored edges at or near the centerline of the roadway or lane line, field weld and grind smooth.
- E. **Preformed Neoprene Joint Seal.** Place the preformed joint seal in one continuous, unbroken length in accordance with Section 807.

- F. **Shop Plans.** Shop plans will not be required. The Contractor is responsible for obtaining field measurements and supplying properly sized materials to complete the work.

METHOD OF MEASUREMENT

- A. **Expansion Joint Replacement - 1½"**. The Department will measure the quantity in linear feet from gutterline to gutterline along the centerline of the joint.
- B. **Armored Edge for Concrete.** The Department will measure the quantity in linear feet from gutterline to gutterline along the centerline of the joint.
- C. **Steel Reinforcement.** See Section 602.

METHOD OF PAYMENT

- A. **Expansion Joint Replacement - 1½"**. Payment at the contract unit price per linear foot is full compensation for removing specified existing materials, furnishing and installing the new armored edges, concrete, neoprene joint seal, and all incidental items necessary to complete the work (except the overlay material) within the specified pay limits as detailed on the attached sketches.
- B. **Armored Edge for Concrete.** Payment at the contract unit price per linear foot is full compensation for removing specified existing materials, furnishing and installing the new armored edge, concrete and all incidental items necessary to complete the work within the specified pay limits as detailed on the attached sketches.
- C. **Steel Reinforcement.** See Section 602.

The Department will consider payment as full compensation for all work required by these notes and detail drawings.

REFERENCES OF SKETCHES

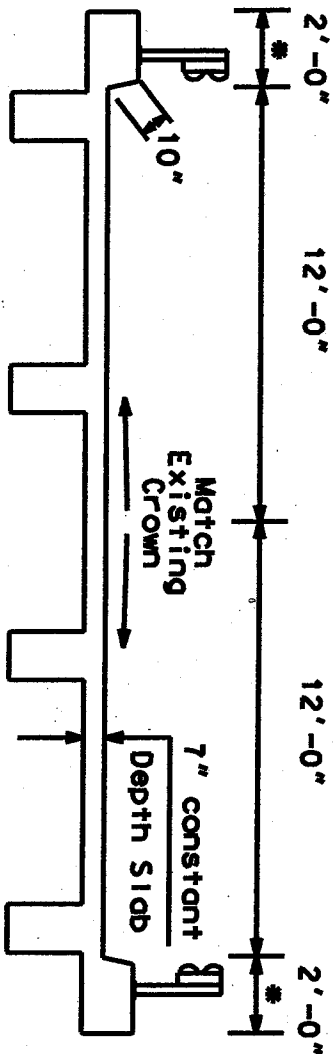
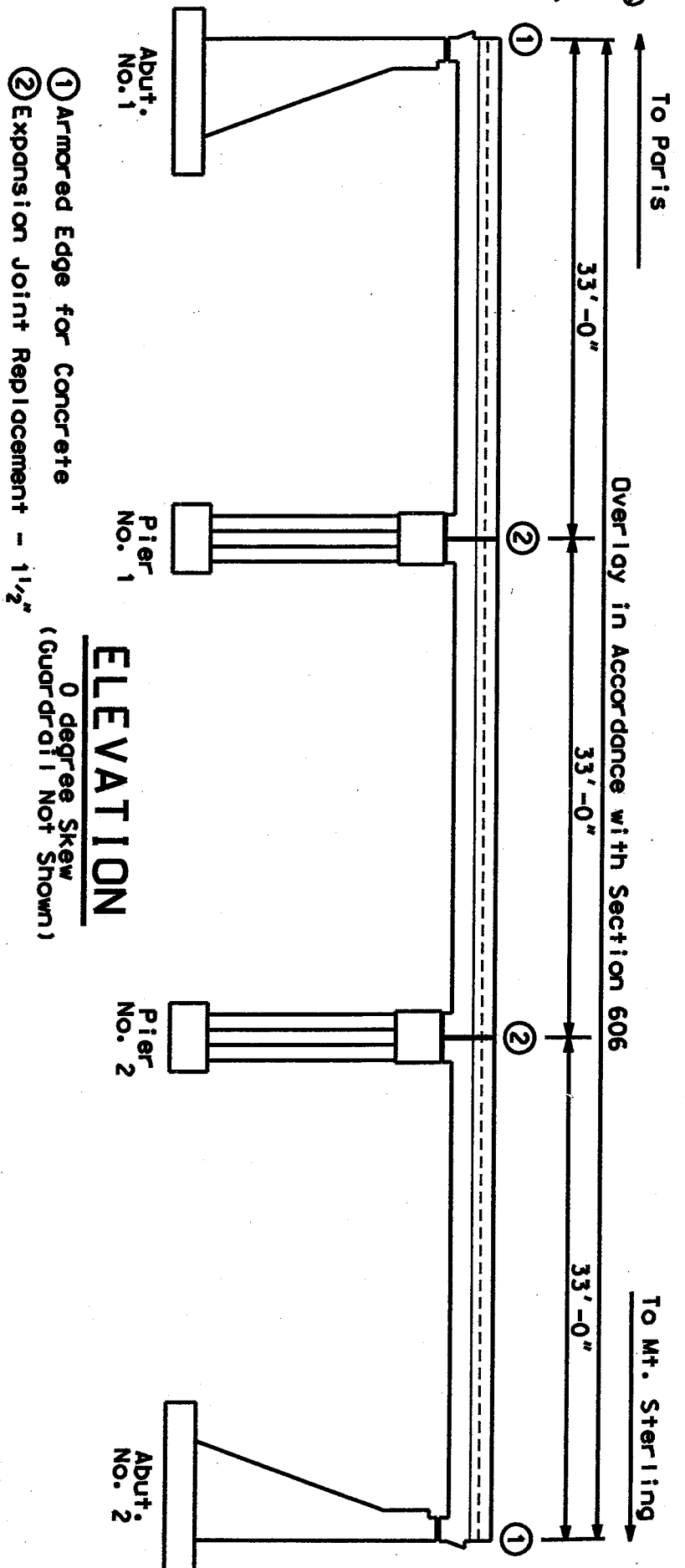
Elevation and Typical Section of Bridge B00011N	Sheet 1 of 6
Elevation and Typical Section of Bridge B00012N	Sheet 2 of 6
Armored Edge Detail	Sheet 3 of 6
Curb Section @ Abutments	Sheet 4 of 6
Expansion Dam Detail	Sheet 5 of 6
Curb Section @ Piers	Sheet 6 of 6

STANDARD DRAWINGS
Applicable to this project

BGX-009-04	Bridge Restoration and Waterproofing with Concrete Overlays
BJE-001-10	Neoprene Expansion Dams and Armored Edges
TSC-202-08	Lane Closure Case I-B
TSC-260-11	Miscellaneous Traffic Control Devices
TSC-261-08	Miscellaneous Traffic Control Devices
TSC-265-01	Post Splicing Detail

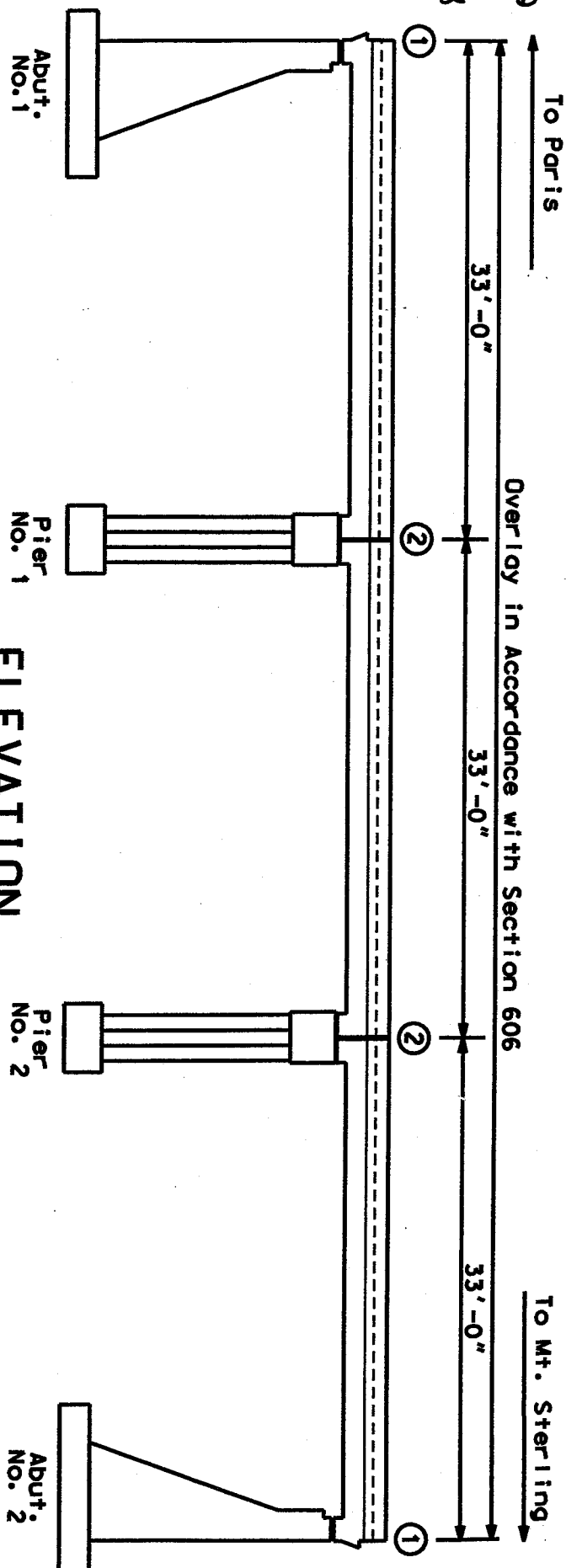
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Sheet / of 6



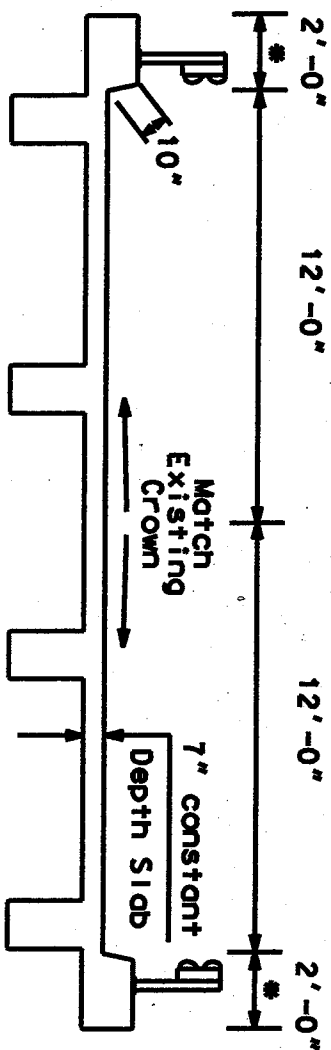
* Apply Epoxy-Sand Slurry to the entire top of the curb (including area under and behind the existing guardrail). Place masking tape on guardrail base plates for neat placement of these areas. Measurement will be in accordance with Section 606.04.07. The Department will NOT deduct the area of the guardrail base plates from the final payment for the Epoxy-Sand Slurry.

TYPICAL SECTION



- ① Armored Edge for Concrete
- ② Expansion Joint Replacement - 1 1/2"

ELEVATION



TYPICAL SECTION

* Apply Epoxy-Sand Slurry to the entire top of the curb (including area under and behind the existing guardrail). Place masking tape on guardrail base plates for neat placement of these areas. Measurement will be in accordance with Section 606.04.07. The Department will NOT deduct the area of the guardrail base plates from the final payment for the Epoxy-Sand Slurry.

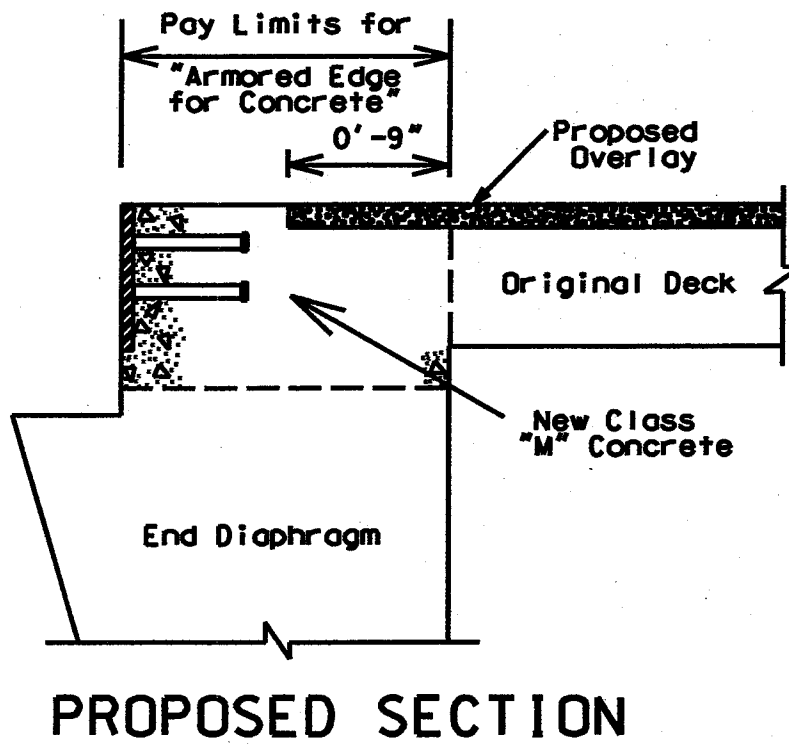
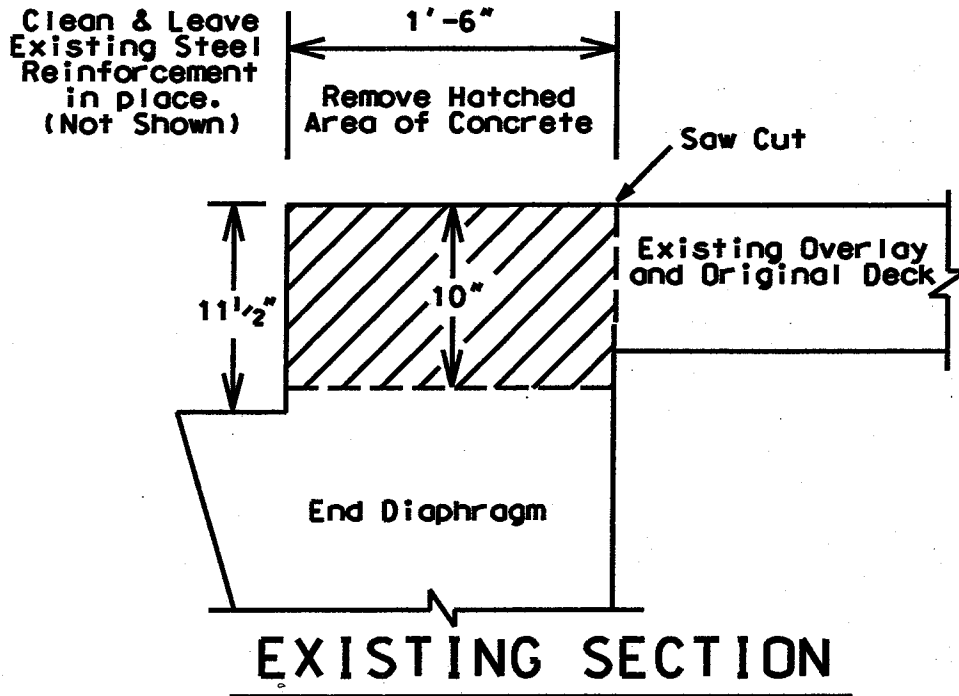
FE02 087-0460-B00011N
FE02 087-0460-B00012N

Not to Scale

Sheet 3 of 6

ARMORED EDGE DETAIL

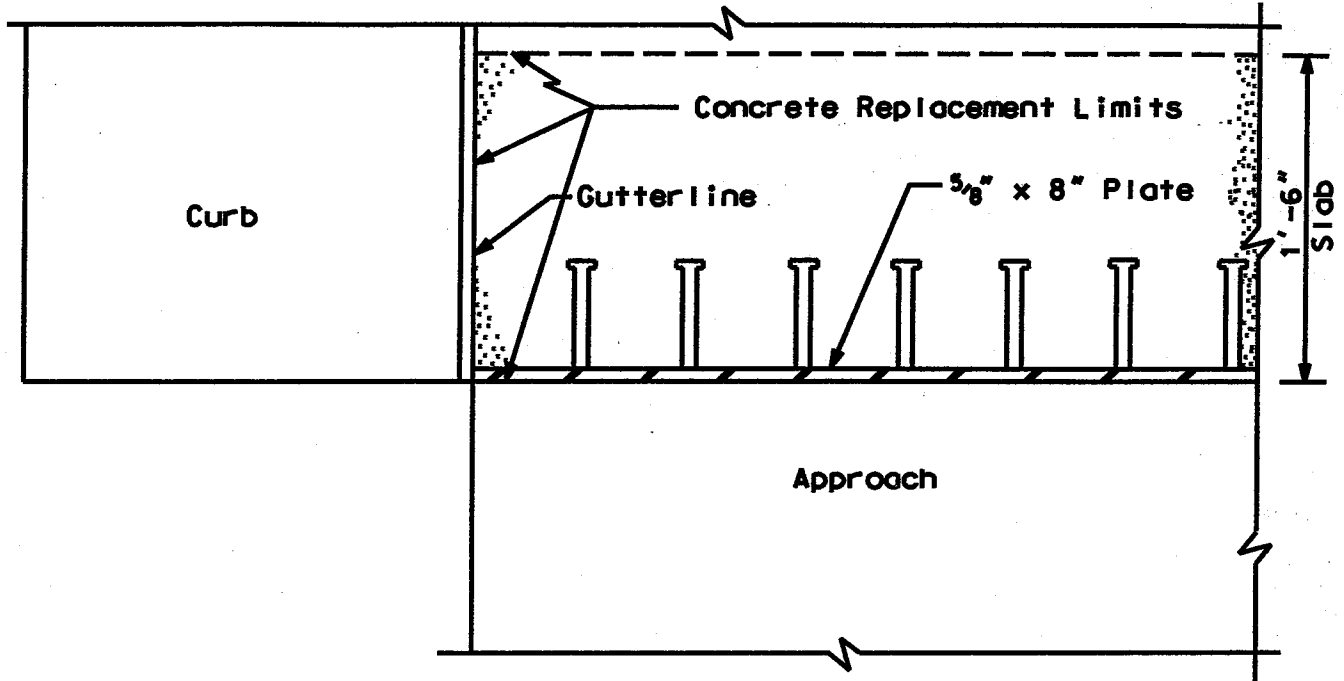
Abutment No. 1 & Abutment No. 2



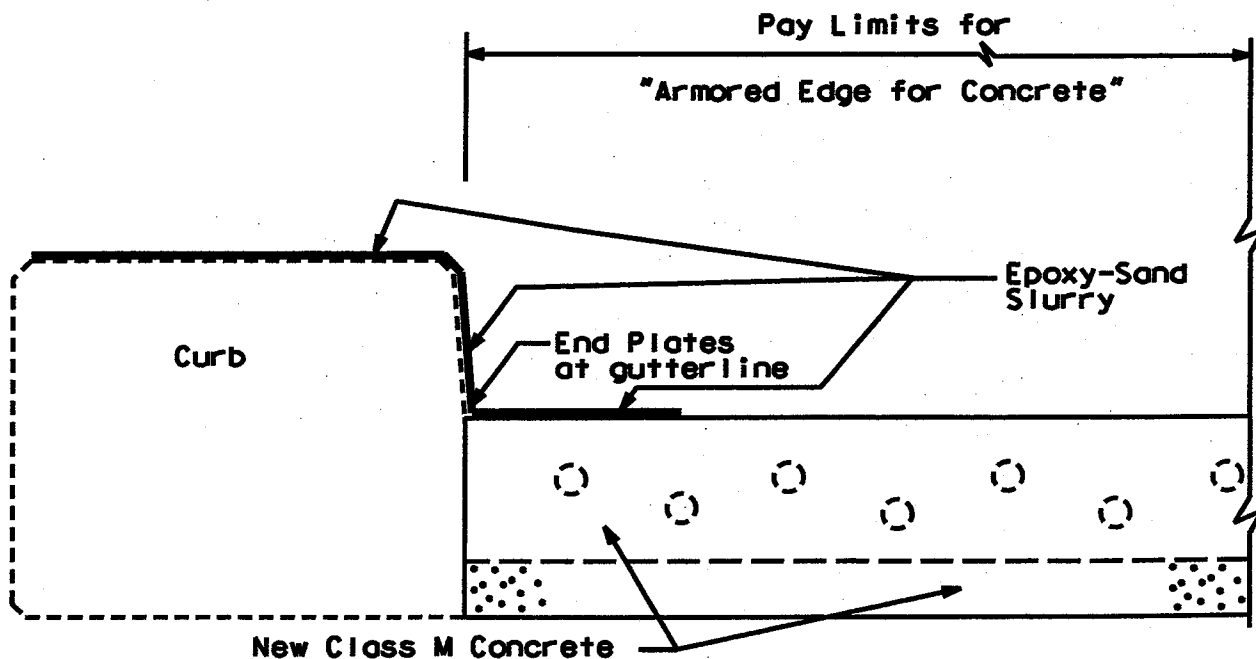
See Std. Drwg.
BJE-001
Current Edition

CURB SECTION

Abutment No.1 & Abutment No.2



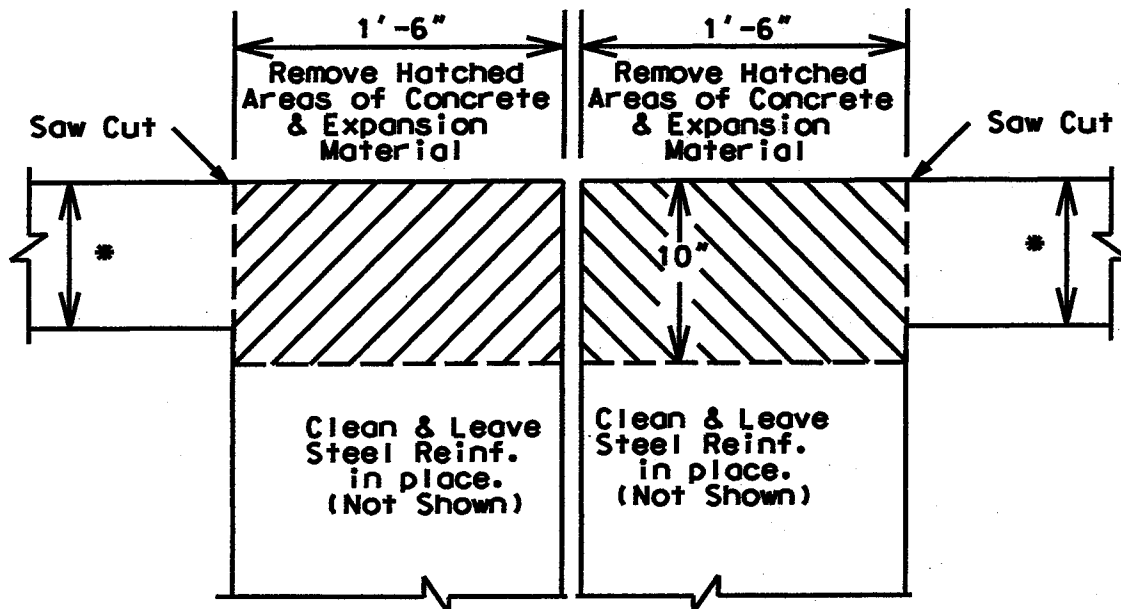
PLAN VIEW @ CURB



PROPOSED SECTION @ CURB

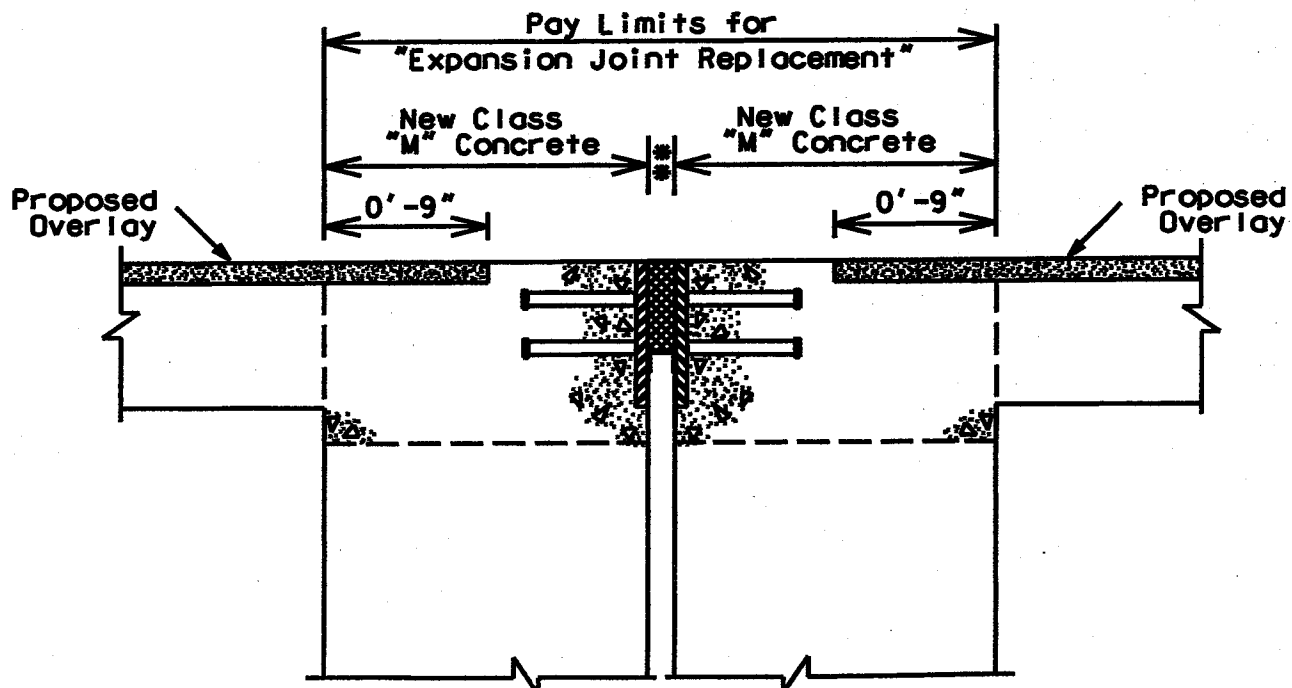
EXPANSION DAM DETAIL

Pier No. 1 & Pier No. 2



* Approximately 8" (7" original deck + existing overlay)

EXISTING SECTION



*Neoprene Compression Seal : 1½" @ 60°F

See Std. Drwg.
BJE-001
Current Edition

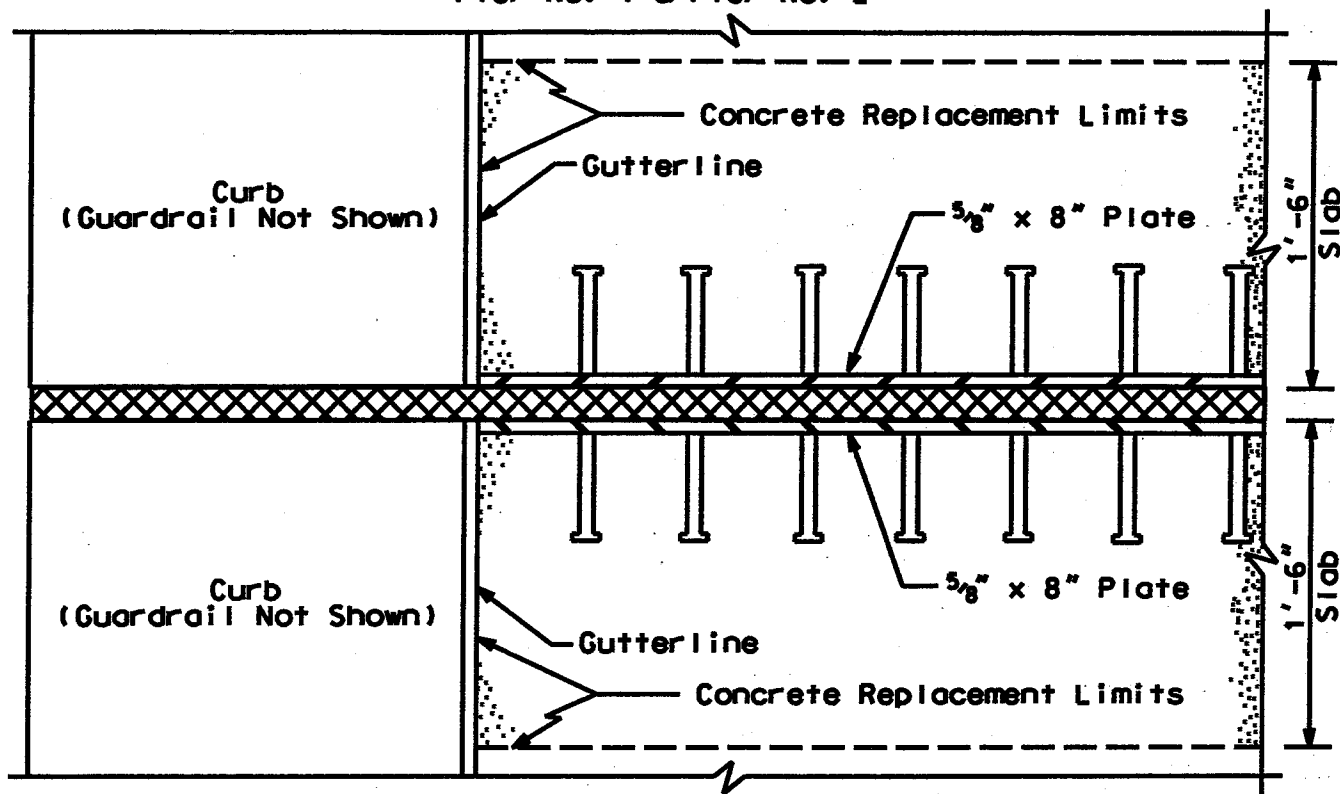
PROPOSED SECTION

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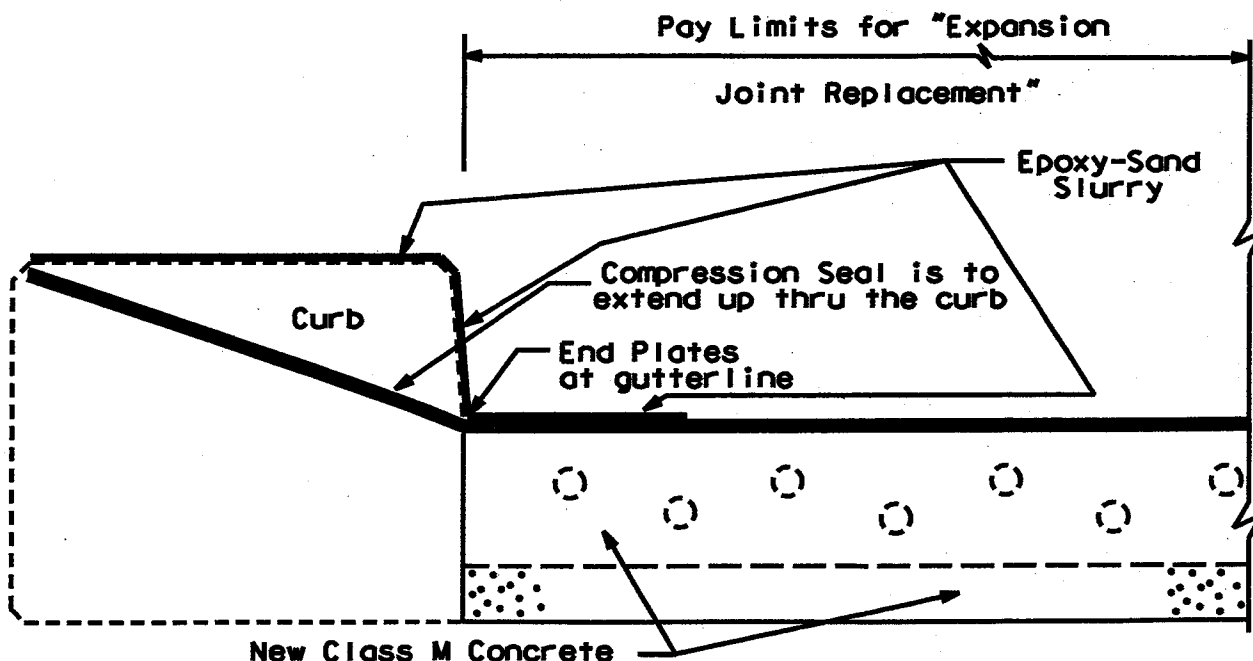
CURB SECTION

Sheet 6 of 6

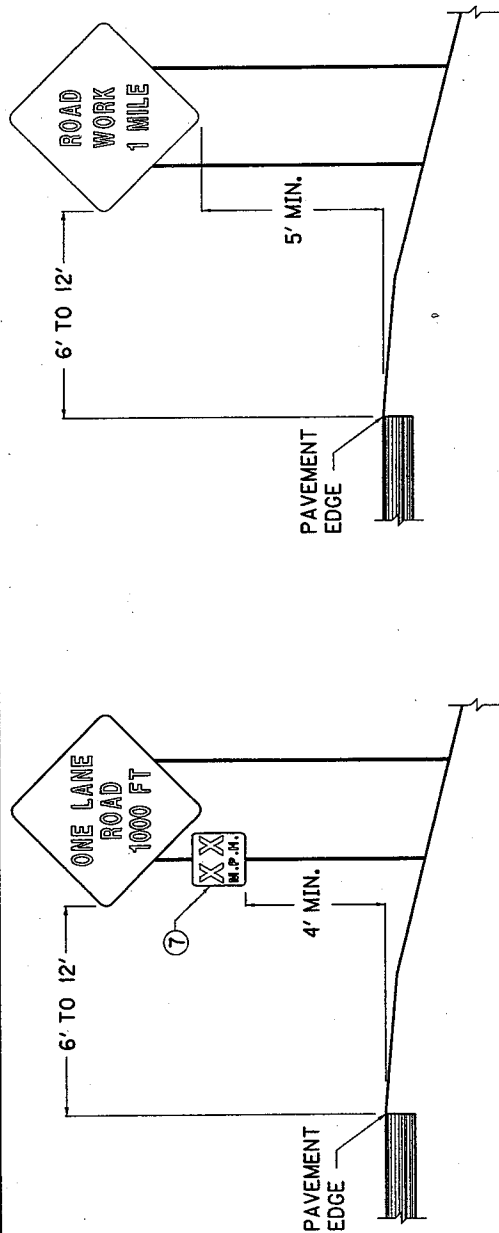
Pier No. 1 & Pier No. 2



PLAN VIEW @ CURB

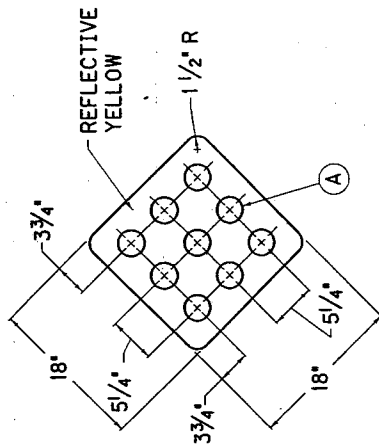


PROPOSED SECTION @ CURB



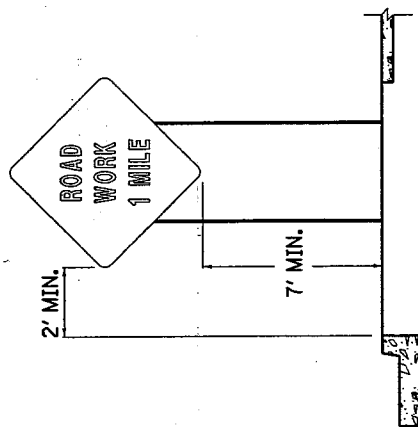
RURAL AREA WITH
ADVISORY SPEED PLATE

RURAL AREA

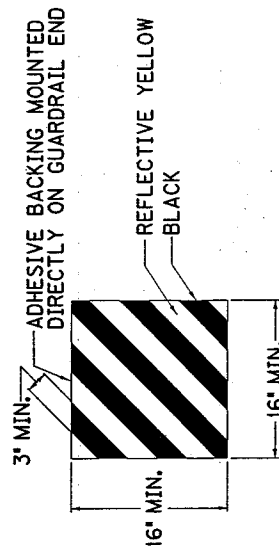


(A) YELLOW REFLECTOR, REFLECTIVITY CONFORMING
TO TYPE A (MINIMUM DIAMETER OF 3")

OBJECT MARKER
TYPE 1



URBAN AREA (B)



OBJECT MARKER
TYPE 3

1. ALL TRAFFIC CONTROL DEVICES AND OPERATIONS SHALL CONFORM TO THE CURRENT EDITIONS OF THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES' AND THE 'STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION'.

2. ALL CATEGORY I AND CATEGORY II WORK ZONE DEVICES SHALL BE COMPLIANT WITH NCHRP 350.

3. SIGNS SHALL BE MADE INACCESSIBLE TO THE VIEW OF TRAFFIC WHENEVER SIGN MESSAGE DOES NOT APPLY.

4. SIGN SPACING MAY BE ADJUSTED TO FIT THE PHYSICAL CONDITIONS ENCOUNTERED SUCH AS DRIVEWAYS, APPROACH ROADS, ETC. APPROACH ROADS AND INTERSECTING STREETS MAY REQUIRE ADDITIONAL SIGNING NOT SHOWN ON THE STANDARD DRAWINGS.

5. SIGNS LARGER THAN 10 SQUARE FEET SHALL BE MOUNTED ON TWO POSTS.

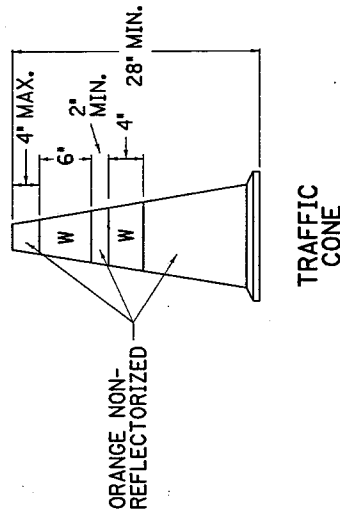
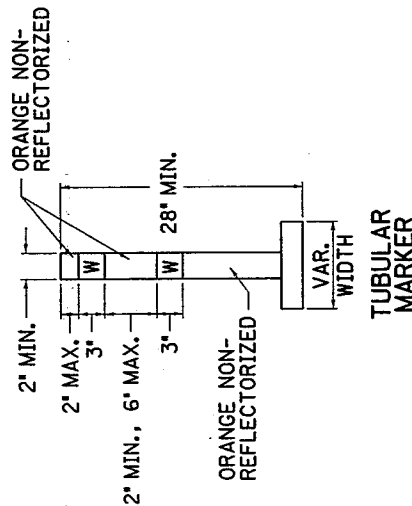
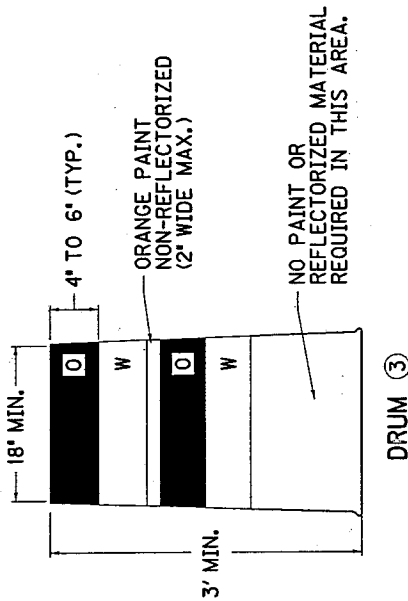
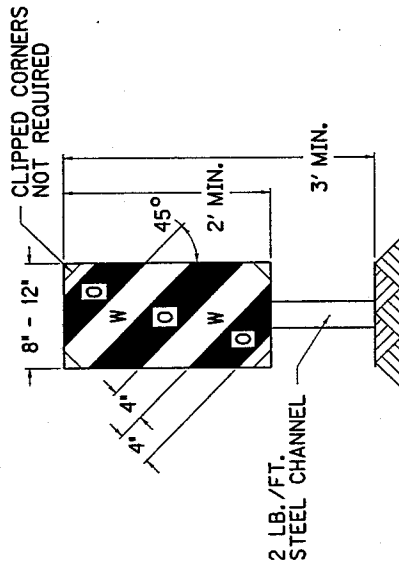
6. HOLES FOR INSTALLATION SHALL BE FIELD DRILLED. OBJECT MARKER TYPE 1 SHALL BE INSTALLED WITH TWO (2) M6 X 25 ALUMINUM OR STAINLESS STEEL SLOTTED ROUND HEAD MACHINE SCREWS, TWO (2) ROUND WASHERS, TWO (2) LOCK WASHERS, AND TWO (2) HEX HEAD NUTS (CQ).

7. SPEED ADVISORY PLATE SHALL BE PLACED ON SIGN SUPPORT LEG NEAREST TRAFFIC.

8. URBAN AREA REFERS TO ANY BUSINESS, COMMERCIAL, AND/OR RESIDENTIAL AREA WHERE PARKING AND/OR PEDESTRIAN MOVEMENT IS LIKELY TO OCCUR OR WHERE THERE ARE OTHER OBSTRUCTIONS TO MOTORISTS' VIEW.

DRAWING NOT TO SCALE
USE WITH CURRENT STD. DWG.
TSC-261

KENTUCKY
DEPARTMENT OF HIGHWAYS
MISCELLANEOUS
TRAFFIC CONTROL
DEVICES
SUBMITTED <i>[Signature]</i> 6-14-02 DIRECTOR DIVISION OF TRAFFIC DATE

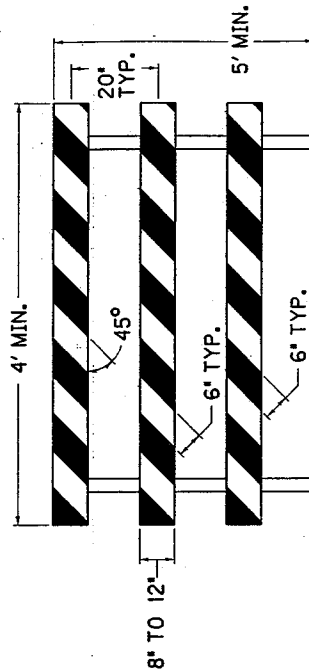
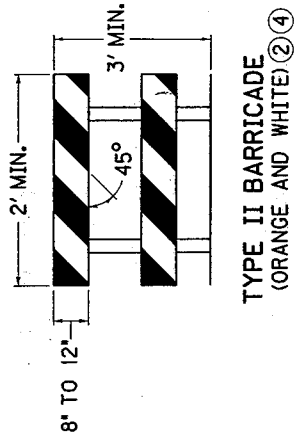
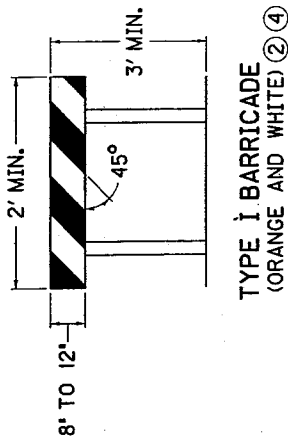


1. BARRICADES, CONES, TUBULAR MARKERS, DRUMS, AND VERTICAL PANELS SHALL BE FABRICATED WITH REFLECTIVE MATERIALS CONFORMING TO TYPE III. ALL AREAS TO BE REFLECTORIZED, UNLESS OTHERWISE SHOWN. ALL CATEGORY I AND CATEGORY II WORK ZONE DEVICES SHALL BE COMPLIANT WITH NCHRP 350.

② STRIPES SHALL SLOPE DOWN IN DIRECTION OF TRAFFIC FLOW. VERTICAL PANELS AND BARRICADES INTENDED FOR USE ON EXPRESSWAYS, FREEWAYS, AND OTHER HIGH-SPEED ROADWAYS SHALL HAVE A MINIMUM OF 270 SQUARE INCHES OF REFLECTIVE AREA FACING TRAFFIC. STRIPE WIDTHS OF 6" SHALL BE USED. WHEN PANEL HEIGHTS OR RAIL LENGTHS ARE LESS THAN 3', STRIPE WIDTHS OF 4" MAY BE USED.

③ DRUMS SHALL HAVE A MINIMUM OF TWO ORANGE AND TWO WHITE STRIPES WITH THE TOP STRIPE BEING ORANGE. DRUMS SHALL NOT BE WEIGHTED WITH SAND, WATER, OR ANY MATERIAL TO THE EXTENT THAT WOULD MAKE THEM HAZARDOUS TO ROAD USERS OR WORKERS WHEN STRUCK. BALLAST SHALL NOT BE PLACED ON TOP OF A DRUM. WHEN SUSCEPTIBLE TO FREEZING, DRUMS SHALL HAVE DRAIN HOLES IN THE BOTTOM SO WATER WILL NOT ACCUMULATE AND FREEZE CAUSING A HAZARD FOR ROAD USERS.

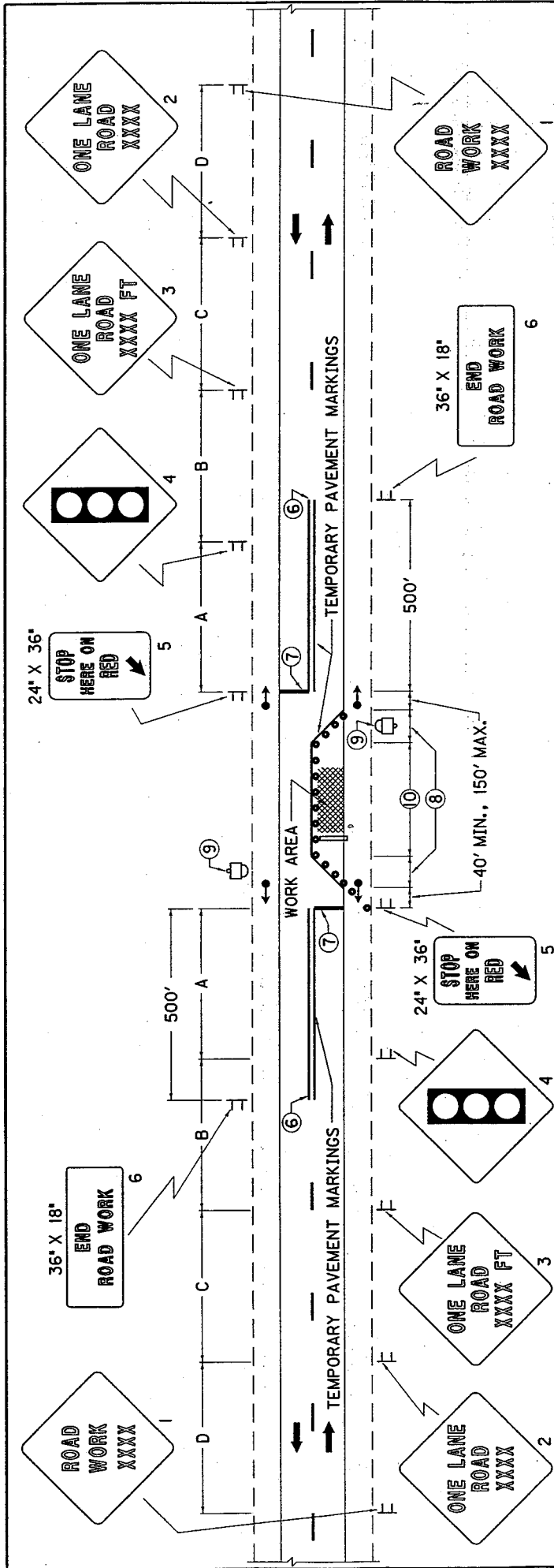
④ BARRICADES SHALL BE SUPPORTED IN A MANNER THAT PROVIDES A STABLE SUPPORT THAT IS NOT EASILY BLOWN OVER OR DISPLACED. BALLAST SHALL NOT BE PLACED ON TOP OF ANY STRIPED RAIL.



DRAWING NOT TO SCALE

KENTUCKY DEPARTMENT OF HIGHWAYS
MISCELLANEOUS TRAFFIC CONTROL DEVICES
SUBMITTED <i>James K. Cantrell</i> DIRECTOR DIVISION OF TRAFFIC
5-14-92 DATE

W = WHITE
O = ORANGE



LEGEND

- TYPE III BARRICADE
- SIGN
- LUMINAIRE
- TRAFFIC SIGNAL
- CHANNELIZING DEVICES
- DRUMS
- TYPE II BARRICADES

DRAWING NOT TO SCALE
USE WITH CURRENT STD. DWGS.
TSC-260, TSC-261, TSC-265

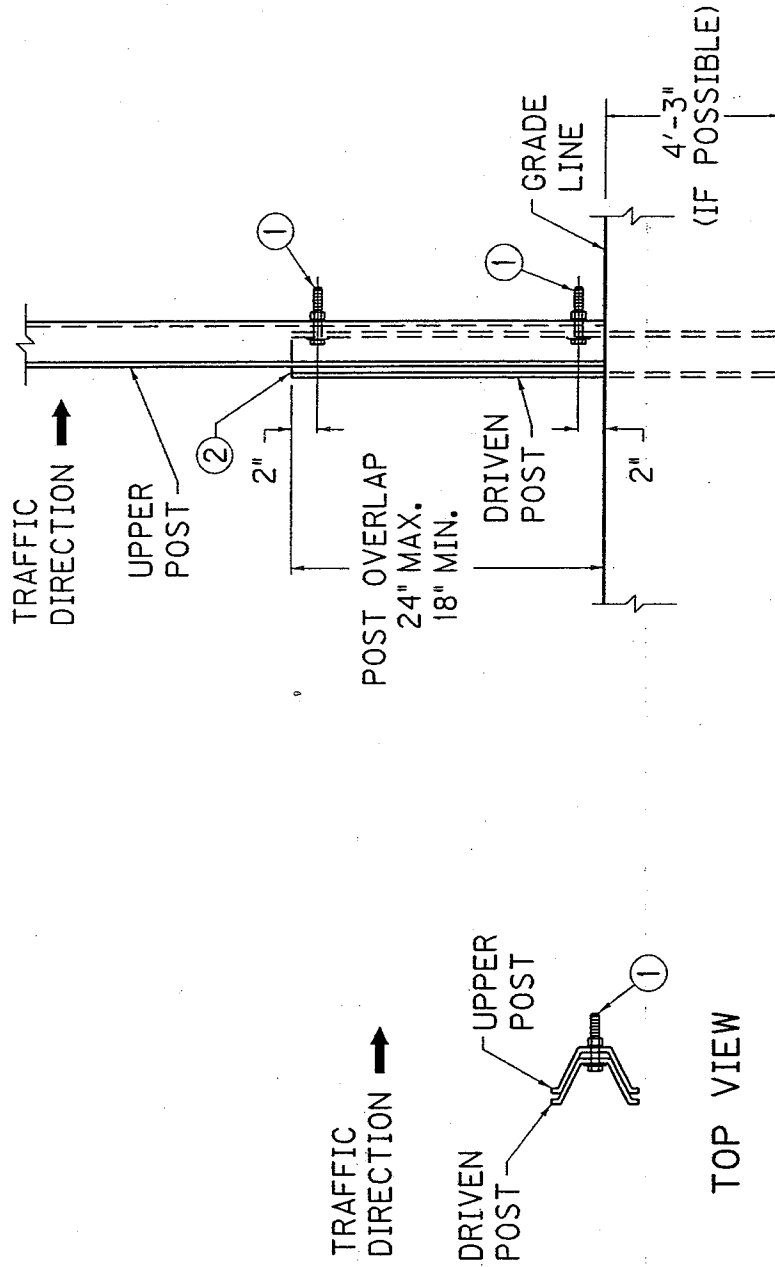
KENTUCKY
DEPARTMENT OF HIGHWAYS
LANE CLOSURE
USING TRAFFIC SIGNALS
SUBMITTED: *[Signature]* DATE: 6-14-02
DIRECTOR DIVISION OF TRAFFIC

- THE SIZE OF SIGNS 1 THRU 4 SHALL BE 48" X 48" IF THE NORMAL POSTED SPEED LIMIT IS 45 MPH OR GREATER. OTHERWISE, 36" X 36" SIGNS MAY BE USED.
- TEMPORARY TRAFFIC SIGNALS SHALL BE INSTALLED AND OPERATED IN ACCORDANCE WITH THE PROVISIONS OF PART 4 OF THE MUTCD.
- ALL SHOULDER MOUNTED SIGNAL HEADS SHALL BE A MINIMUM HEIGHT OF 12 FEET. ANY SIGNAL HEADS OR OTHER DEVICES MOUNTED OVER THE ROADWAY SHALL HAVE A MINIMUM UNDERCLEARANCE OF 17 FEET.
- ALL CONFLICTING PAVEMENT MARKINGS BETWEEN THE STOP BARS SHALL BE OBLITERATED BY AN APPROVED METHOD.
- ONE LUMINAIRE SHALL BE INSTALLED AT EACH END OF THE WORK AREA.
- "NO PASSING" ZONES (500' MIN.) SHALL BE INSTALLED ON THE APPROACHES TO THE CLOSURE.
- STOP BARS SHALL HAVE A WIDTH OF 24".
- TAPERS SHALL HAVE A MAXIMUM LENGTH OF 100'. SPACING OF CHANNELIZING DEVICES SHALL BE 20' THRU THE TAPER AREAS.
- INSTALL OFFSET TYPE LUMINAIRE ON 45' WOOD POLE (ANCHOR AS NECESSARY). LUMINAIRE SHALL BE 240 V, 250 WATT HIGH PRESSURE SODIUM TYPE II DISTRIBUTION. LUMINAIRE SHALL BE HOLOPHANE HL2A250HP24VBZPR OR AMERICAN ELECTRIC 185-06336.
- SPACING OF CHANNELIZING DEVICES THROUGH THE ACTIVITY AREA SHALL NOT EXCEED A DISTANCE EQUAL TO TWO TIMES THE NORMAL POSTED SPEED LIMIT.

SIGNING AND SPACING TABLE				
ROAD TYPE	A	B	C	D
EXPRESSWAY/ FREEWAY	1000'	500'	1100'	2600'
RURAL/URBAN SP. LT. \geq 45 MPH*	500'	500'	500'	1100'
URBAN SP. LT. \leq 40 MPH*	250'	250'	500'	500'

*NOTE: USE NORMAL POSTED SPEED LIMIT

APPLICATION
THIS DRAWING APPLIES TO LANE CLOSURES USING TRAFFIC SIGNALS ON TWO-LANE, TWO-DIRECTION HIGHWAYS.



APPLICATION

PREFERABLY, SIGN POSTS ARE NOT TO BE SPLICED. HOWEVER, TO OBTAIN THE REQUIRED HEIGHT, SIGN POSTS MAY BE SPLICED ONCE IN THEIR LENGTH AND ACCORDING TO THIS STANDARD DRAWING.

GENERAL NOTES

- ① TWO (2) 5/16" X 2" HEX HEAD CAP SCREWS, TWO (2) ROUND WASHERS, TWO (2) LOCK WASHERS AND TWO HEX HEAD NUTS (ASTM A307).
- ② THE DRIVEN POST STUB SHALL BE REMOVED WHEN THE UPPER POST IS NOT IN PLACE.

DRAWING NOT TO SCALE

KENTUCKY DEPARTMENT OF HIGHWAYS
POST SPLICING DETAIL
SUBMITTED <i>[Signature]</i> 8-14-02 DIRECTOR DIVISION OF TRAFFIC DATE

PART II

SPECIAL PROVISIONS APPLICABLE TO PROJECT

SPECIAL PROVISION NO.

TITLE

NO SPECIAL PROVISIONS APPLY TO THIS PROJECT

PART III

EMPLOYMENT, WAGE AND RECORD REQUIREMENTS
(Copies of each Attached)

1. Schedule of Minimum Wages Established for the Project.
2. Labor and Wage Requirements, applicable to other than Federal-Aid System Contracts. (Rev. 2-16-95)
3. Executive Branch Code of Ethics.

**TRANSPORTATION CABINET
DIVISION OF CONTRACT PROCUREMENT
COMPLIANCE SECTION**

PROJECT WAGE RATES

LETTING: 12-13-2002

MONTGOMERY COUNTY, FEGR 02 0000023

The Mount Sterling-Paris Road (US 460)

Bridge Deck Restoration and Waterproofing

CONSTRUCTION WORKERS MINIMUM HOURLY RATE ... \$5.15

Note: Parts III and IV of "**Labor and Wage Requirements Applicable To Other Than Federal-Aid System Projects**" do not apply to this project.

TRANSPORTATION CABINET
DEPARTMENT OF HIGHWAYS

LABOR AND WAGE REQUIREMENTS
APPLICABLE TO OTHER THAN FEDERAL-AID SYSTEM PROJECTS

- I. Application
- II. Nondiscrimination of Employees (KRS 344)
- III. Payment of Predetermined Minimum Wages
- IV. Statements and Payrolls

I. APPLICATION

1. These contract provisions shall apply to all work performed on the contract by the contractor with his own organization and with the assistance of workmen under his immediate superintendence and to all work performed on the contract by piecework, station work or by subcontract. The contractor's organization shall be construed to include only workmen employed and paid directly by the contractor and equipment owned or rented by him, with or without operators.

2. The contractor shall insert in each of his subcontracts all of the stipulations contained in these Required Provisions and such other stipulations as may be required.

3. A breach of any of the stipulations contained in these Required Provisions may be grounds for termination of the contract.

II. NONDISCRIMINATION OF EMPLOYEES

AN ACT OF THE KENTUCKY
GENERAL ASSEMBLY TO PREVENT
DISCRIMINATION IN EMPLOYMENT
KRS CHAPTER 344
EFFECTIVE JUNE 16, 1972

The contract on this project, in accordance with KRS Chapter 344, provides that during the performance of this contract, the contractor agrees as follows:

1. The contractor shall not fail or refuse to hire, or shall not discharge any individual, or otherwise discriminate against an individual with respect to his compensation, terms, conditions, or privileges of employment, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy); or limit, segregate, or classify his employees in any way which would deprive or tend to deprive an individual of employment opportunities or otherwise adversely affect his status as an employee, because of such individual's race, color, religion, national origin, sex, disability or age (between forty and seventy). The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.

2. The contractor shall not print or publish or cause to be printed or published a notice or advertisement relating to employment by such an employer or membership in or any classification or referral for employment by the employment agency, indicating any preference, limitation, specification, or discrimination, based on race, color, religion, national origin, sex, disability or age (between forty and seventy), except that such notice or advertisement may indicate a preference, limitation, or specification based on religion, or national origin when religion, or national origin is a bona fide occupational qualification for employment.

3. If the contractor is in control of apprenticeship or other training or retraining, including on-the-job training programs, he shall not discriminate against an individual because of his race, color, religion, national origin, sex, disability or age (between forty and seventy), in admission to, or employment in

any program established to provide apprenticeship or other training.

4. The contractor will send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representative of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.

The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for non-compliance.

III. PAYMENT OF PREDETERMINED
MINIMUM WAGES

1. These special provisions are supplemented elsewhere in the contract by special provisions which set forth certain predetermined minimum wage rates. The contractor shall pay not less than those rates.

2. The minimum wage determination schedule shall be posted by the contractor, in a manner prescribed by the Department of Highways, at the site of the work in prominent places where it can be easily seen by the workers.

IV. STATEMENTS AND PAYROLLS

1. All contractors and subcontractors affected by the terms of KRS 337.505 to 337.550 shall keep full and accurate payroll records covering all disbursements of wages to their employees to whom they are required to pay not less than the prevailing rate of wages. Payrolls and basic records relating thereto will be maintained during the course of the work and preserved for a period of one (1) year from the date of completion of this contract.

2. The payroll records shall contain the name, address and social security number of each employee, his correct classification, rate of pay, daily and weekly number of hours worked, itemized deductions made and actual wages paid.

3. The contractor shall make his daily records available at the project site for inspection by the State Department of Highways contracting office or his authorized representative.

Periodic investigations shall be conducted as required to assure compliance with the labor provisions of the contract. Interrogation of employees and officials of the contractor shall be permitted during working hours.

Aggrieved workers, Highway Managers, Assistant District Engineers, Resident Engineers and Project Engineers shall report all complaints and violations to the Division of Contract Procurement.

The contractor shall be notified in writing of apparent violations. The contractor may correct the reported violations and notify the Department of Highways of the action taken or may request an informal hearing. The request for hearing shall be in writing within ten (10) days after receipt of the notice of the reported violation. The contractor may submit records and information which will aid in determining the true facts relating to the reported violations.

Any person or organization aggrieved by the action taken or the findings established as a result of an informal hearing by the Division of Contract Procurement may request a formal hearing.

4. The wages of labor shall be paid in legal tender of the United States, except that this condition will be considered satisfied if payment is made by a negotiable check, on a solvent bank, which may be cashed readily by the employee in the local community for the full amount, without discount or collection charges of any kind. Where checks are used for payments, the contractor shall make all necessary arrangements for them to be cashed and shall give information regarding such arrangements.

5. No fee of any kind shall be asked or accepted by the contractor or any of his agents from any person as a condition of employment on the project.

6. No laborers shall be charged for any tools used in performing their respective duties except for reasonably avoidable loss or damage thereto.

7. Every employee on the work covered by this contract shall be permitted to lodge, board, and trade where and with whom he elects and neither the contractor nor his agents, nor his employees shall directly or indirectly require as a condition of employment that an employee shall lodge, board or trade at a particular place or with a particular person.

8. Every employee on the project covered by this contract shall be an employee of either the prime contractor or an approved subcontractor.

9. No charge shall be made for any transportation furnished by the contractor or his agents to any person employed on the work.

10. No individual shall be employed as a laborer or mechanic on this contract except on a wage basis, but this shall not be construed to prohibit the rental of teams, trucks or other equipment from individuals.

No Covered employee may be employed on the work except in accordance with the classification set forth in the schedule mentioned above; provided, however, that in the event additional classifications are required, application shall be made by the contractor to the Department of Highways and (1) the Department shall request appropriate classifications and rates from the proper agency, or (2) if there is urgent need for additional classification to avoid undue delay in the work, the contractor may employ such workmen at rates deemed comparable to rates established for similar classifications provided he has made written application through the Department of Highways, addressed to the proper agency, for the supplemental rates. The contractor shall retroactively adjust, upon receipt of the supplemental rates schedule, the wages of any employee paid less than the established rate and may adjust the wages of any employee overpaid.

11. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any laborer or mechanic in any work-week in which he is employed on such work, to work in excess of eight hours in any calendar day or in excess of forty hours in such work-week unless such laborer or mechanic receives compensation at a rate not less than one and one half times his basic rate of pay for all hours worked in excess of eight hours in any calendar day or in excess of forty hours in such work-week. A laborer, workman or mechanic and an employer may enter into a written agreement or a collective bargaining agreement to work more than eight (8) hours a calendar day but not more than ten (10) hours a calendar day for the straight time hourly rate. This agreement shall be in writing and shall be executed prior to the employee working in excess of eight (8) hours, but not more than ten (10) hours, in any one (1) calendar day.

12. Payments to the contractor may be suspended or withheld due to failure of the contractor

to pay any laborer or mechanic employed or working on the site of the work, all or part of the wages required under the terms of the contract. The Department may suspend or withhold payments only after the contractor has been given written notice of the alleged violation and the contractor has failed to comply with the wage determination of the Department of Highways.

13. Contractors and subcontractors shall comply with the sections of Kentucky Revised Statutes, Chapter 337 relating to contracts for Public Works.

Revised 2-16-95

EXECUTIVE BRANCH CODE OF ETHICS

In the 1992 regular legislative session, the General Assembly passed and Governor Brereton Jones signed Senate Bill 63 (codified as KRS 11A), the Executive Branch Code of Ethics, which states, in part:

KRS 11A.040 (6) provides:

No present or former public servant shall, within six (6) months of following termination of his office or employment, accept employment, compensation or other economic benefit from any person or business that contracts or does business with the state in matters in which he was directly involved during his tenure. This provision shall not prohibit an individual from returning to the same business, firm, occupation, or profession in which he was involved prior to taking office or beginning his term of employment, provided that, for a period of six (6) months, he personally refrains from working on any matter in which he was directly involved in state government. This subsection shall not prohibit the performance of ministerial functions, including, but not limited to, filing tax returns, filing applications for permits or licenses, or filing incorporation papers.

KRS 11A.040 (8) states:

A former public servant shall not represent a person in a matter before a state agency in which the former public servant was directly involved, for a period of one (1) year after the latter of:

- a) The date of leaving office or termination of employment; or
- b) The date the term of office expires to which the public servant was elected.

This law is intended to promote public confidence in the integrity of state government and to declare as public policy the idea that state employees should view their work as a public trust and not as a way to obtain private benefits.

If you have worked for the executive branch of state government within the past six months, you may be subject to the law's prohibitions. The law's applicability may be different if you hold elected office or are contemplating representation of another before a state agency.

Also, if you are affiliated with a firm which does business with the state and which employs former state executive-branch employees, you should be aware that the law may apply to them.

In case of doubt, the law permits you to request an advisory opinion from the Executive Branch Ethics Commission, Room 136, Capitol Building, 700 Capitol Avenue, Frankfort, Kentucky 40601; telephone (502) 564-7954.

PART IV

INSURANCE

The Contractor shall carry the following insurance in addition to the insurance required by law:

- (1) Contractor's Public Liability Insurance not less than \$100,000.00 for damages arising out of bodily injuries to or death to one person. Not less than \$300,000.00 for damages arising out of bodily injuries to or death to two or more persons.
- (2) Contractor's Property Damages Liability Insurance. Not less than \$100,000.00 for all damages arising out of injury or destruction of property in any one accident. Not less than \$300,000.00 for all damages during the policy period.
- (3) Contractor's Protective Public Liability and Property Damage Insurance. The contractor shall furnish evidence with respect to operations performed for him by subcontractors that he carries in his own behalf for the above stipulated amounts.
- (4) The insurance required above must be evidenced by a Certificate of Insurance and this Certificate of Insurance must contain one of the following statements:
 - a. "policy contains no deductible clauses."
 - b. "policy contains a _____ deductible property
(amount)
damage clause but company will pay claim and collect
the deductible from the insured."
- (5) WORKMEN'S COMPENSATION INSURANCE. The contractor shall furnish evidence of coverage of all his employees or give evidence of self-insurance by submitting a copy of a certificate issued by the Workmen's Compensation Board.

PART V

STATEMENT OF INCOMPLETED WORK

1. Status of Active Prime Contracts.

Attached

1. STATUS OF ALL INCOMPLETED PRIME CONTRACTS

All active prime contracts must be reported. This includes prime contracts with public and private owners and joint-ventured contracts. The names of the joint venturers must be shown when reporting these projects. A machine or typed listing reporting the status of each contract is acceptable when attached to this report; however, the total amounts on the itemized listing must be reported in the space provided below:

CONTRACT WITH	PROJECT IDENTIFICATION	PRIME CONTRACT AMOUNT	EARNINGS THROUGH LAST APPROVED ESTIMATE	TOTAL AMOUNT OF WORK REMAINING
TOTAL (Attach Summary if not itemized above)		\$	\$	\$

PART VI

BID ITEMS

THE QUANTITY SHEET(S) REPRESENTS THE ESTIMATED QUANTITIES (ONLY) FOR THE SUBJECT PROJECT.
PROPOSAL(S) MAY NOT BE AVAILABLE WHEN THE QUANTITIES ARE POSTED.
YOUR BID **WILL NOT** BE CONSIDERED IF THESE SHEET(S) ARE MADE A PART OF THE BID PROPOSAL
WHICH YOU SUBMIT TO THE KENTUCKY DEPARTMENT OF HIGHWAYS.

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 1

PCN: 02-0749

Letting: 12/13/2002

MONTGOMERY COUNTY

FE GR 02 0000023

Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
		BRIDGE AND CULVERT QUANTITIES				
1	8150	STEEL REINFORCEMENT	534.40	LB		
2	3294	EXPAN JOINT REPLACE 1 1/2"	96.00	LIN FT		
		EITHER				
3	8534	CONCRETE OVERLAY-LATEX	20.00	CU YD		
		OR				
4	8535	CONC OVERLAY-LOW SLUMP	27.80	CU YD		
5	8510	REM EPOXY BIT FOREIGN OVERLAY	528.00	SQ YD		
6	8549	BLAST CLEANING	694.00	SQ YD		
7	8504	EPOXY SAND SLURRY	165.00	SQ YD		
8	8526	CONC CLASS M FULL DEPTH PATCH	7.70	CU YD		
9	3299	ARMORED EDGE FOR CONCRETE	96.00	LIN FT		
10	6549	PAVE STRIPING-TEMP REM TAPE-B	1,050.00	LIN FT		
11	6550	PAVE STRIPING-TEMP REM TAPE-W	1,084.00	LIN FT		
12	6551	PAVE STRIPING-TEMP REM TAPE-Y	1,463.00	LIN FT		
13	4933	TEMP SIGNAL 2 PHASE	2.00	EA		
14	6514	PAVE STRIPING-PERM PAINT-4 IN	730.00	LIN FT		
15	2562	SIGNS	344.00	SQ FT		
16	2653	LANE CLOSURE	4.00	EA		
17	2650	MAINTAIN AND CONTROL TRAFFIC	1.00	LP SUM		
		(B11)				

THE QUANTITY SHEET(S) REPRESENTS THE ESTIMATED QUANTITIES (ONLY) FOR THE SUBJECT PROJECT.
PROPOSAL(S) MAY NOT BE AVAILABLE WHEN THE QUANTITIES ARE POSTED.
YOUR BID **WILL NOT** BE CONSIDERED IF THESE SHEET(S) ARE MADE A PART OF THE BID PROPOSAL
WHICH YOU SUBMIT TO THE KENTUCKY DEPARTMENT OF HIGHWAYS.

TRANSPORTATION CABINET

Department of Highways

FRANKFORT, KY 40622

Sheet No: 2

PCN: 02-0749

Letting: 12/13/2002

MONTGOMERY COUNTY

FE GR 02 0000023

Item No.	Code No.	Item	Approximate Quantity	Unit	Unit Price Dollars	Amount Dollars
18	2650	MAINTAIN AND CONTROL TRAFFIC	1.00	LP SUM		
		(B12)				
19	2569	DEMOBILIZATION	1.00	LP SUM		
20		TOTAL BID			\$.

NON-BIDDING
SHEET

PART VII

CERTIFICATIONS

- | | | |
|----|-----------------------------------------------|----------|
| 1. | Provisions Relative to Senate Bill 258 (1994) | Attached |
| 2. | Non-Collusion Certification | Attached |
| 3. | Certification of Bid Proposal | Attached |

PROVISIONS RELATIVE TO SENATE BILL 258 (1994)

During the performance of the contract, the contractor agrees to comply with applicable provisions of:

1. KRS 136 Corporation and Utility Taxes
2. KRS 139 Sale and Use Taxes
3. KRS 141 Income Taxes
4. KRS 337 Wages and Hours
5. KRS 338 Occupational Safety and Health of Employees
6. KRS 341 Unemployment Compensation
7. KRS 342 Workers Compensation

Any final determinations of a violation by the contractor within the previous five (5) years pursuant to the applicable statutes above are revealed as follows:

NON-COLLUSION CERTIFICATION

COMMONWEALTH OF KENTUCKY
COUNTY _____
PROJECT NO. _____

I, _____, _____, under
(Name of officer signing certification) (Title)

penalty of perjury under the laws of the United States, do hereby certify that

(Insert name of Individual, Joint Venture, Co-partnership, or Corporation submitting bid)

its agent, officers or employees have not directly or indirectly entered into any
agreement, participated in any collusion, or otherwise taken action in restraint of free
competitive bidding in connection with this proposal.

(Signature)

(Title)

REVISED: 8-23-89

NON-COLLUSION CERTIFICATION

COMMONWEALTH OF KENTUCKY
COUNTY _____
PROJECT NO. _____

I, _____, _____, under
(Name of officer signing certification) (Title)

penalty or perjury under the laws of the United States, do hereby certify that

(Insert name of Individual, Joint Venture, Co-partnership, or Corporation submitting bid)

its agent, officers or employees have not directly or indirectly entered into any
agreement, participated in any collusion, or otherwise taken action in restraint of free
competitive bidding in connection with this proposal.

(Signature)

(Title)

REVISED: 8-23-89

CERTIFICATION OF BID PROPOSAL

We (I) propose to furnish all labor, equipment and materials necessary to construct and/or improve the subject project in accordance with the plans, the Transportation Cabinet's Standard Specifications for Road and Bridge Construction, current edition, special provisions, notes applicable to the project as indicated herein and all addenda issued on this project subsequent to purchase of proposal.

We (I) attach a bid proposal guaranty as provided in the special provisions in an amount not less than 5% of the total bid. We agree to execute a contract in accordance with this bid proposal within 15 calendar days after the receipt of the notice of award for the project.

We (I) have examined the site of proposed work, project plans, specifications, special provisions, and notes applicable to the project referred to herein. We understand that the quantities shown herein are estimated quantities subject to increase or decrease as provided in the specifications.

Name of Contracting Firm

BY: _____

Authorized Agent

Title

Address

City

State

Zip Code

Telephone Number

When two or more organizations bid as a joint venture, enter names of each organization and an authorized agent for each organization must sign above.